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Coming Attractions - ELHILL 1995

New Databases:

HSRPROJ

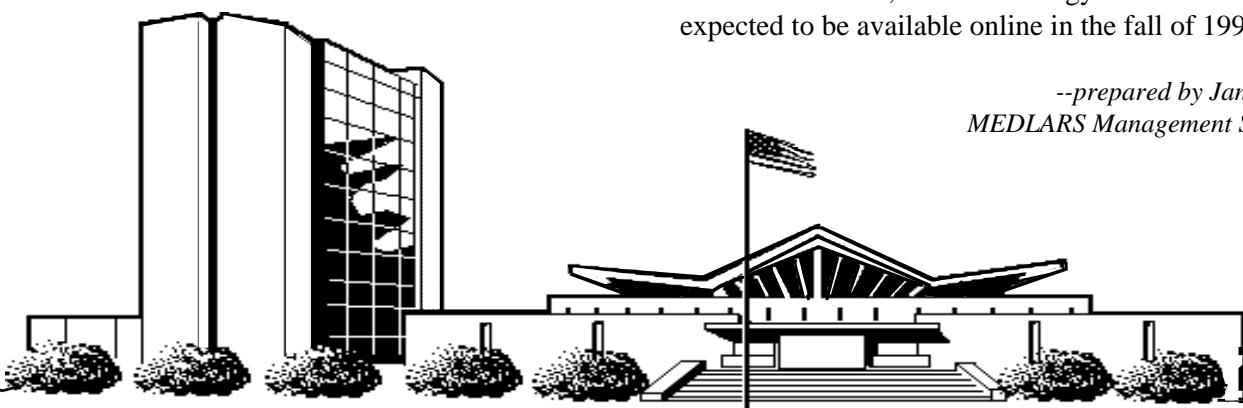
A new database, HSRPROJ (Health Services Research Projects), is scheduled to be available online in early 1995. This database, similar in structure to DENTALPROJ, will contain information on over 1,600 ongoing research projects in health services research which are funded by both public and private organizations and agencies.

SPACELINE

SPACELINE is a new ELHILL database being developed by the collaborative efforts of the National Aeronautics and Space Administration (NASA) and the National Library of Medicine. It will contain citations from MEDLINE, CATLINE, and AVLINE, as well as unique references prepared by NASA pertaining to the health and productivity of humans in space, the physical and psychological effects of gravity and the space environment of living systems, applications of space life sciences research, and exobiology. SPACELINE is expected to be available online in the fall of 1995. □

--prepared by Jan Willis

MEDLARS Management Section



NLM TECHNICAL BULLETIN		MEDLARS® DATABASE	TOTAL RECORDS	DATES COVERED	DATE UPDATED	UPDATE TAG
ELHILL® COMPUTER						
Head, MMS Carolyn B. Tilley	AIDSDRUGS	217			17 SEP 94	9409(EM)
	AIDSLINE®*	102,514	JAN 80-DEC 94		15 OCT 94	9412(EM)
	AIDSTRIALS	629			15 OCT 94	9410(EM)
	AVLINE®	27,825	THRU OCT 94		14 OCT 94	
	BIOETHICSLINE®	43,449	JAN 73-JUN 94		24 SEP 94	9408(EM)
	BIOTECHSEEK	5,287	JAN 90-NOV 94		01 OCT 94	9411(EM)
Co-Editor Toby G. Port	CANCERLIT®	1,072,021	JAN 63-OCT 94		01 OCT 94	9410(EM)
	CATLINE®	736,335	THRU OCT 94		14 OCT 94	
	CHEMID	267,994			06 FEB 93	
	CHEMLINE®	1,258,634			10 MAR 94	9402(EM)
Co-Editor Mary Herron	DENTALPROJ™	821			02 AUG 94	
	DIRLINE®	15,724			25 JUN 94	
	DOCUSER®	14,128			15 OCT 94	
Technical Notes Editor Marcia Zorn	HEALTH	768,225	JAN 75-NOV 94		01 OCT 94	9411(EM)
	HISTLINE®	146,758			15 OCT 94	9412(EM)
	HSTAR**	1,443,990	1985-DEC 94		15 OCT 94	9412(EM)
Direct Inquiries to: MEDLARS Management Section National Library of Medicine Bldg., 38A, Rm. 4N421 Bethesda, Maryland 20894 (800) 638-8480 mms@nlm.nih.gov	MEDLINE®***	1,310,496	JAN 91-DEC 94		15 OCT 94	9412(EM)
	MED89	743,883	JAN 89-DEC 90		27 JUN 94	
	MED85	1,319,067	JAN 85-DEC 88		30 APR 94	
	MED80	1,388,746	JAN 80-DEC 84		11 JUN 94	
	MED75	1,278,788	JAN 75-DEC 79		10 JUL 94	
	MED66	1,986,294	JAN 66-DEC 74		09 JUL 94	
MEDLARS Inquiries: mms@nlm.nih.gov	MESH VOCABULARY FILE®	97,200	1994		15 OCT 94	
	NAME AUTHORITY FILE®	552,406			08 OCT 94	
	PDQ®		THRU OCT 94		03 OCT 94	
	POPLINE®	212,555	1970-OCT 94		08 OCT 94	9410(EM)
	SDILINE®	28,323	NOV 94		24 SEP 94	9411(EM)
	SERLINE®	84,741	THRU SEP 94		12 OCT 94	9410(EM)
Grateful Med Inquiries: gmhelp@gmedserv.nlm.nih.gov	TOXLINE®	1,334,470	1981-1994		08 OCT 94	9410(EM)
	TOXLINE65	707,146	PRE 1965-1980		30 APR 94	
	TOXLIT®	1,334,701	1981-1994		08 OCT 94	9410(EM)
	TOXLIT65	586,405	1965-1980		01 SEP 87	
CONTENTS NOT COPYRIGHTED FREELY REPRODUCIBLE	*	AIDSLINE: PART 3 OF 5 FOR 9412 (EM) WEEKLY UPDATE				
	**	HSTAR: PART 3 OF 5 FOR 9412 (EM) WEEKLY UPDATE				
	***	MEDLINE: PART 3 OF 4 FOR 9412 (EM) WEEKLY UPDATE				
TOXNET® COMPUTER						
The NLM Technical Bulletin is an administrative document sent to formal members of NLM's MEDLARS Online Network.	CCRIS	6,044			06 OCT 94	
	DART™	21,950			13 OCT 94	
	EMIC	8,739			04 OCT 94	
	EMICBACK	75,886			04 APR 94	
	ETICBACK	49,591			04 APR 94	
	GENE-TOX	2,960			06 JUN 94	
	HSDB®	4,493			13 OCT 94	
	IRIS	663			09 AUG 94	
	RTECS®	126,600			10 AUG 94	
	TRI87	80,136			11 MAY 94	
	TRI88	87,151			11 MAY 94	
	TRI89	86,812			11 MAY 94	
	TRI90	86,041			05 MAY 94	
	TRI91	83,876			12 APR 94	
	TRI92	81,075			25 APR 94	
	TRIFACTS	326			10 APR 92	

Technical Notes

NTIS Standing Order Service

As was reported briefly in the last issue of the *Technical Bulletin*, the National Technical Information Service (NTIS) has extended its standing order subscription service to NLM search tools.

Please note that there is not a handling fee for a standing order subscription, but a handling fee is charged for single demand orders placed with NTIS. Unlike a subscription, a standing order has no expiration date. Once a standing order is placed, NTIS will continue to mail publications until a written request for cancellation is received from the customer. The NTIS standing order service requires an NTIS deposit account or a credit card number to which publications are charged as they are received and shipped by NTIS. To open an NTIS deposit account if one is not already established, a minimum deposit is required. Please contact the NTIS Subscription Section (703-487-4630) to determine the amount. Deposit account statements provide a listing of items shipped and charged each month and the remaining balance on hand. Regular replenishment of the deposit account will ensure continued receipt of all issuances.

All requests to establish standing orders must be made in writing. The customer should specify which titles are to be included in the standing order, and mail or fax the request to:

National Technical Information Service
Attn: Subscription Section
5285 Port Royal Road
Springfield, VA 22161
Fax: 703-321-8547

Following is order information for four 1995 MeSH Tools and the *List of Serials Indexed for Online Users (LSIOU)*, which are available from NTIS. Please note that for your convenience, we have repeated some information (single demand order number and price) that appeared in the July-August 1994 *Technical Bulletin*. The new standing order information is in boldface type. If customers have questions, they may call the NTIS Subscription Section at 703-487-4630.

Medical Subject Headings -- Annotated Alphabetic List, 1995

Note: The 1995 MeSH was printed on a higher quality paper stock, regrettably resulting in a larger volume.

New NTIS Standing Order Number: PB95-964800

Single Demand Order Number:	PB95-964801
Hardcopy Price:	\$42.00 (U.S/Canada/Mexico) \$84.00 (other countries)
Microfiche Price:	\$24.00 (U.S/Canada/Mexico) \$48.00 (other countries)

Medical Subject Headings -- Tree Structures, 1995

New NTIS Standing Order Number: PB95-964900

Single Demand Order Number:	PB95-964901
Hardcopy Price:	\$39.00 (U.S/Canada/Mexico) \$78.00 (other countries)
Microfiche Price:	\$18.00 (U.S/Canada/Mexico) \$36.00 (other countries)

Medical Subject Headings -- Supplementary Chemical Records, 1995

New NTIS Standing Order Number: PB95-965000

Single Demand Order Number:	PB95-965001
Hardcopy Price:	\$50.00 (U.S/Canada/Mexico) \$100.00 (other countries)
Microfiche Price:	\$23.00 (U.S/Canada/Mexico) \$46.00 (other countries)

Permuted Medical Subject Headings, 1995

New NTIS Standing Order Number: PB95-965100

Single Demand Order Number:	PB95-965101
Hardcopy Price:	\$35.00 (U.S/Canada/Mexico) \$70.00 (other countries)
Microfiche Price:	\$17.00 (U.S/Canada/Mexico) \$34.00 (other countries)

List of Serials Indexed for Online Users, 1995 (LSIOU)

New NTIS Standing Order Number: PB95-965200

Single Demand Order Number:	PB95-965201
Hardcopy Price:	\$24.00 (U.S/Canada/Mexico) \$48.00 (other countries)
Microfiche Price:	\$12.50 (U.S/Canada/Mexico) \$25.00 (other countries)

Closing Date for Submission of New or Changed 1996 MeSH Headings

The MeSH Section of the NLM considers all suggestions for Medical Subject Heading (MeSH) additions and changes annually. Users are encouraged to send suggestions and comments to the following NLM MeSH Heading Suggestion e-mail address: meshsugg@nlm.nih.gov. The SUGGESTION FOR MEDICAL SUBJECT HEADINGS CHANGE form (Appendix C of the January-February 1994 *Technical Bulletin*) may also be used to make suggestions. The closing date for suggested new or changed terms for the 1996 vocabulary has been moved to February 15, 1995. This allows additional time after NLM staff finalize the terminology for the printing cycle so that the hardcopy publications are available in the Fall. Indexing with the new vocabulary starts in November for the January Entry Month.

Additional Meeting Abstracts Added to AIDSLINE

NLM added 3,335 abstracts from the Tenth International Conference on AIDS/International Conference on STD to AIDSLINE in October, 1994. The Conference, entitled "The Global Challenge of AIDS: Together for the Future," was held in Yokohama, Japan, August 7-12, 1994. NLM also added 172 abstracts from the Fifth Annual Conference of the Australasian Society for HIV Medicine in October, 1994. The Fifth Annual Conference of the Australasian Society for HIV Medicine was held in conjunction with the National Centre for HIV Virology Research conference in October, 1993. Abstracts from the Sixth Annual Conference, which is scheduled for November, 1994 will be added to AIDSLINE in early 1995.

The Secondary Source Identifier (SI) value for the Tenth International Conference on AIDS/International Conference on STD abstracts is ICA10. The SI value for the Fifth Annual Conference of the Australasian Society for HIV Medicine is ASHM5. To limit to citations from either of these conferences, type the SI value at any user prompt or "and" the SI value with a search statement or search statement number. For example:

1 and ICA10 (si)

As with previous meeting abstracts, the full information provided in the printed conference abstract books (from which the citations are taken) is included with the online citation. This includes author(s), title, abstract number, abstract, and address. Copies of whole presentations are not available from NLM or other libraries via interlibrary loan.

Notice to AIDSLINE Automatic SDI Subscribers

Since the 9311 Entry Month (EM) of NLM data, conference abstracts have been included with the printed results of AIDSLINE Automatic SDIs. An announcement is placed on the last three lines of the first page of each Automatic SDI printout (in the "banner") to give one month's advance notice for each set of special conference meeting abstracts to be included the following month. To exclude abstracts of a conference, the last line of the final SDI search statement may be altered. For example, to exclude abstracts from the Tenth International Conference on AIDS/International Conference on STD:

1. Display and print your existing stored strategy.
2. PURGESEARCH the existing stored strategy.
3. Check online (DISPLAY searchname) the next day to verify the strategy has been purged.
4. Re-key the strategy after a STORESEARCH command, **and add the following to your final search statement:**

and not ICA10 (si)

Remember that searches are purged or stored overnight. If the same name was used, the old strategy must have been purged before successfully reusing the name for a new or changed strategy.

NOTE: You can purge and store on the same day if you are sure to make the name of the new stored search different. It is sufficient to vary the name of the search **by one character (letter or number)** to make the new name unique.

If you prefer to exclude all meeting abstracts from your AIDSLINE Automatic SDI, including those from the

CANCERLIT updates, **add the following to your final search statement:**

and not meeting abstract (pt)

If you have any questions or concerns, please contact the MEDLARS Management Section by e-mail, mms@nlm.nih.gov; by fax, 301-496-0822; or by phone, 1-800-638-8480 (press "1," press "4").

Database Update Schedules, 1995

Database Update Frequency Chart, 1995

NLM Service Desks Holiday Schedule, 1995

The NLM database update schedules, update frequency chart, and computer holiday schedule for 1995 are published as Appendixes A, B, C, D, and E. The information is produced in a manner so that the pages may be removed from this issue and posted near a searcher's terminal.

Internet-Accessible Resources Fact Sheet from the National Library of Medicine

It has come to our attention that several e-mail requests for electronic copies of the fact sheet entitled "National Library of Medicine (NLM) Internet-Accessible Resources" were not successfully delivered. This fact sheet describes services that NLM makes available through basic Internet processes, such as telnet and ftp (file transfer protocol), or through software clients such as gopher for gopher servers and Mosaic for World Wide Web servers. If you requested, but did not receive, a copy, or, if you would like to order one, please send an e-mail message to publicinfo@occshost.nlm.nih.gov. Specify ASCII (Internet.txt), PostScript (Internet.ps), or both. Single print copies or bulk orders of the fact sheet are also available at no charge from the Office of Public Information, National Library of Medicine, Bethesda, MD 20894.

Search Hint: Chemical List from IRIS

How does a user generate a list of the chemicals in the IRIS databank? Following is a suggested strategy:

greater than 0 (irsn)

This strategy retrieves all IRIS records with a unique IRIS Identifier Number (IRSN) greater than zero (i.e., all of them).

A user may then issue any print command, such as:

prt name rn only

To sort the records requires an offline print. Since IRIS has over 500 records, one possible offline sorted print command is:

prt offline name rn only sort name

For questions or additional information about IRIS or other TOXNET files, please contact the NLM Toxicology Information Program. The e-mail address is toxmail@tox.nlm.nih.gov. A reply will be sent to a user's e-mail address unless a phone number with a request for a phone call is included with the query. The Toxicology Information Program phone number is 301-496-6531.

Online Codes Map

A new Online Codes map showing distribution of code holders within the United States is provided as Appendix F.

New Bioethics Consultation Paper Available

The National Reference Center for Bioethics Literature at Georgetown University's Kennedy Institute of Ethics has published *Religious Perspectives on Bioethics*, Part 1, Scope Note 25 of their Scope Note Series. The first of a two-part work, this Scope Note provides bibliographic citations to literature about the diverse and divergent attitudes religion can bring to bioethical issues. It is organized by religions (African religious traditions, Baha'i Faith, Buddhism and Confucianism, Eastern Orthodoxy, Hinduism, Islam, Jainism, and Judaism), and arranged alphabetically. Part 2 will appear in the December 1994 *Kennedy Institute of Ethics Journal*, and will present citations to Native American religious traditions, Protestantism, and Roman Catholicism.

Scope Note 25, by Laura Jane Bishop and Mary Carrington Coutts, also appears in the *Kennedy Institute*

of Ethics Journal 1994 Jun;4(2):155-183. A separate 21-page reprint of this Scope Note, with the complete list of titles in the series, is available for \$5.00 prepaid from the Kennedy Institute. Add \$3 per copy for airmail outside North America.

The Scope Note Series offers an overview to topics in biomedical ethics and provides immediate reference to facts, opinions, and law and public policy (if applicable). All sources cited in Scope Notes are included in the collection of the National Reference Center for Bioethics Literature, and may be obtained through its document

delivery service (subject to copyright law). Updates to topics covered in the Scope Note Series may be obtained by searching the BIOETHICSLINE database or by calling the National Reference Center for Bioethics Literature. Requests or questions should be directed to:

National Reference Center for Bioethics Literature
Kennedy Institute of Ethics
Georgetown University
Washington, DC 20057-1065
800-MED-ETHX or 202-687-6738 □

Late-Breaking Coming Attractions

- **National Library of Medicine Access Gateway**

This new feature will provide searchers with a seamless gateway to all subsystems on the MEDLARS computers. The menu will provide selections to gate directly to ELHILL, PDQ, TOXNET, DOCLINE, etc. It is hoped that within the year we will also offer selections for users to change your address and an option for new users to obtain a code and password to the MEDLARS system and purchase Grateful Med if desired. This new enhancement will also provide a direct gateway to PDQ from ELHILL or vice versa using the FILE command. For example, you could gate from CANCERLIT to PDQ by issuing the direct command of FILE PDQ. This new feature is not yet fully tested nor is an implementation date set. Stay tuned for further information in the *Technical Bulletin* and in the online NEWS. This advance announcement is to alert you to a planned enhancement that may affect your login procedure (automatic login scripts may need to be adjusted).

- **Proximity Searching in ELHILL**

The National Library of Medicine anticipates that with the new system implementation on December 12, we will introduce proximity searching in ELHILL. Three new operators, NEAR, ADJ (for adjacent) and CONTAINS will make it possible to scan field(s) in records for concepts located within individual sentences. This new feature mimics the stringsearching capability on ELHILL building on its strengths while utilizing a user-friendly syntax. Stay tuned for information in the November-December *Technical Bulletin* and in the online NEWS.

Year-End Processing

Introduction

Each year, MEDLINE, its Backfiles, and other MEDLARS databases are updated to reflect changes in the Medical Subject Headings (MeSH) vocabulary. These changes in the MeSH terminology reflect the evolving vocabulary of healthcare and biomedical sciences. NLM also makes other changes as required to database records.

Some searchers will have to make changes to their stored searches used for current awareness retrieval in NLM's Automatic SDI Service. Generally, Grateful Med users do not have to take any direct action as a result of Year-End Processing. All users may be assured that the annual changes to the vocabulary and other changes made to NLM databases serve to improve search retrieval.

MEDLINE Backfile Configuration -- 1995

MEDLINE Backfiles and their years of coverage will change again in 1995. During 1994 Year-End Processing all citations published in 1991 or earlier will be pulled from MEDLINE and placed in the appropriate Backfiles. The primary dates of coverage for MEDLINE and its Backfiles for 1995 will be as follows:

File	Aliases	Coverage
MEDLINE	MED	1992-1995
MED90	M90, BACK90, B90	1990-1991
MED85	M85, BACK85, B85	1985-1989
MED80	M80, BACK80, B80	1980-1984
MED75	M75, BACK75, B75	1975-1979
MED66	M66, BACK66, B66	1966-1974

1995 MeSH

MEDLINE, the MEDLINE Backfiles, SDILINE, HEALTH, and BIOSEEK files are expected to be available online with 1995 MeSH and 9501 Entry Month (EM) data on Monday, December 12, 1994. CANCERLIT will be available online on that date with 1995 MeSH and the 9412 (EM) update. CATLINE and

AVLINE are also expected to be updated with 1995 vocabulary on December 12, 1994. At that time, all searches using MeSH in these databases should conform to any changes introduced with the 1995 Medical Subject Headings.

AIDSLINE is expected to be available with 1995 MeSH and 9501 (EM) data by January 7, 1995. HSTAR will be available online with 1995 MeSH and 9501 (EM) and 9502 (EM) updates a few days after AIDSLINE is available. Other files using MeSH vocabulary (i.e., BIOETHICSLINE, POPLINE, TOXLINE, DENTALPROJ, and AIDSTRIALS) will be maintained for 1995 vocabulary at later dates. Watch future issues of the *Technical Bulletin* and the online NEWS for announcements.

Changes to the MeSH vocabulary for 1995 are reflected in the various lists contained in the introduction to the *Medical Subject Headings-Annotated Alphabetic List, 1995*. This publication is available from the National Technical Information Service (NTIS); order information is provided in this issue on page 3 of the *Technical Notes*. [Editor's Note: See related article, "Coming Attractions - MeSH" in this issue on page 12.]

STORESEARCHes, Automatic SDIs, and Saved Searches

Please review your stored searches, including Automatic SDI stored searches and saved searches, for the impact of any changed and new 1995 MeSH headings. Please refer to the Year-End Processing Schedule on pages 10 and 11 of this issue.

SDILINE Automatic SDI Searches - MEDLINE Database

SDILINE Automatic SDI stored searches requiring revision due to 1995 MeSH vocabulary changes must be deleted and restored by **Thursday, December 1, 1994**, in order to receive correct retrieval against the January SDILINE (9501 (EM)) database. Automatic SDIs for the 9501 (EM) SDILINE will be processed beginning on or about Saturday, December 3, 1994. Searchers should execute their STORESEARCHes online between November 14 and December 1, 1994, to examine retrieval. During this time, the December 1994 SDILINE

file will contain 1995 MeSH terms, so that searchers can run their STORESEARCHes against this revised SDILINE to check correct operation of stored strategies against the new vocabulary. Only SDILINE will have 1995 vocabulary terms on citations during this time period; MEDLINE and other databases will not.

In order to check for the correct operation of stored searches during this designated period, searchers should:

1. Record the number of citations retrieved for each stored search as processed by NLM in the Automatic SDI Program for the December 1994 SDILINE (9412 (EM)) with the **1994** vocabulary. (The number of citations retrieved is listed on the front of each SDI printout received. The name of the stored search is the title of the printout.)
2. Beginning November 14, searchers should go online and run each SDILINE stored search against the December SDILINE, which will contain the same citations but will be indexed to reflect 1995 MeSH vocabulary. (Stored searches are executed by typing the stored search name online qualified by (SN). Be sure you are connected to SDILINE.)
3. Compare the postings retrieved with the records found earlier. If the number of citations (i.e., postings) retrieved is not equal to the number received in the 9412 (EM) SDILINE printouts with **1994** vocabulary, searchers may assume the stored search has been affected by a 1995 vocabulary change.
4. Searchers should also display the strategy. Use the command DISPLAY with the stored search name. Do not use the (SN) qualifier. For example:

DISPLAY S601 HEART DISEASE

5. Check the terms in your strategy against the various lists of new and replaced MeSH headings which are contained in the introductory section of the *Medical Subject Headings - Annotated Alphabetic List, 1995*. Three of the four lists of new headings ("New Medical Subject Headings with Scope Notes," "New Medical Subject Headings by Subcategory," and "New Medical Subject Headings with Previous Indexing") contain only those headings that were not in the 1994 MeSH. They do not include new forms of existing headings; these appear in the list titled, "Replaced Medical Subject Headings with Replaced-By Headings."

On the list titled "Replaced Medical Subject Headings with Replaced-By Headings - 1995," terms designated as P (Print Entry Term) or N (Non-Print Entry Term) may still be used as search terms and remain in any stored/saved search. Terms designated as C (Supplementary Chemical Term) may remain but must be qualified with (NM). Those terms with no status indicator may not be used as search terms and must be deleted from all stored and/or saved searches.

Tree numbers should be checked in the *Medical Subject Headings - Tree Structures, 1995*. CAS Registry Numbers (RN) and Names of Substances (NM) should be checked in the online NEW MESH database (type FILE NEW MESH) which contains the 1995 MeSH vocabulary. If the strategies are not too long, searchers may want to type them in line-by-line and evaluate any No Postings messages to isolate the problem area.

6. Purge searches requiring changes (PURGESEARCH searchname). For example:

PURGESEARCH S601 HEART DISEASE

Then store the revised strategy (STORESEARCH searchname). For example:

STORESEARCH S601 HEART DISEASE

Note: If you purge and store on the same day, be sure to make the name of the new stored search different. It is sufficient to vary the name of the search **by one character (letter or number)** to make the new name unique.

7. All revised SDILINE search strategies for Automatic SDILINE processing should be stored by **December 1, 1994**, to ensure correct processing of your 9501 (EM) SDILINE Automatic SDIs.

Other Databases with SDI Service

Other files which have Automatic SDI Service are HEALTH, CANCERLIT, CATLINE, AVLINE, AIDSLINE, HSTAR, POPLINE, BIOETHICS, and TOXLINE. These do not have an equivalent of SDILINE; therefore, it is not possible to follow the procedures described above for the SDILINE database. You should carefully review any strategies you may have stored for execution by NLM against these databases for possible vocabulary revisions and restore them by the dates listed below.

HEALTH and CANCERLIT SDIs

The HEALTH and CANCERLIT databases are also expected to be updated with 1995 MeSH vocabulary on December 12, 1994. Review and restore any affected searches by December 9. The 9501 (EM) HEALTH update, and the 9412 (EM) CANCERLIT update (which uses 1995 MeSH) will be available online on December 12. NLM plans to run these Automatic SDIs during the week of December 12.

AIDSLINE SDIs

AIDSLINE is expected to be updated with 1995 MeSH and 9501 (EM) data by January 7, 1995. Changes to Automatic SDI stored searches to be run against the AIDSLINE 9501 (EM) should be made no later than December 23, 1994. AIDSLINE Auto SDIs for 9501 (EM) will be processed on or after December 27.

HSTAR SDIs

HSTAR is expected to be updated with 1995 MeSH and 9501 and 9502 (EM) data on or after January 10, 1995. Changes to Automatic SDI stored searches to be run against HSTAR 9501 (EM) should be made no later than this date. HSTAR Auto SDIs for 9501 and 9502 (EM) will be processed on or after January 12, 1995.

CATLINE and AVLNE SDIs

The CATLINE and AVLNE databases are also expected to be updated with 1995 vocabulary on December 12,

1994. Changes to Automatic SDI stored searches run against these databases should be made no later than December 30, 1994. Automatic SDIs for these databases (with December 1994 dates of entry) are scheduled to be processed on or about January 2, 1995.

POPLINE SDIs

POPLINE SDI stored searches should not be changed yet. Please see future issues of the *Technical Bulletin* and the online NEWS for announcements about the introduction of the 1995 vocabulary.

TOXLINE SDIs

TOXLINE contains MeSH vocabulary on records in the TOXBIB and BIOSIS subfiles. Stored search strategies for TOXLINE that contain MeSH headings should be reviewed for 1995 MeSH vocabulary changes. Any changes to these strategies should be reviewed and restored by December 6, 1994. NLM plans to run TOXLINE/TOXLIT Automatic SDIs against 9412 (EM) data on December 8, 1994.

Beginning with the 9412 (EM) TOXLINE update in December, records added to both the TOXBIB and the BIOSIS subfiles will contain 1995 MeSH. 1994 MeSH terms will remain on TOXBIB and BIOSIS records from earlier entry months until the entire TOXLINE file is regenerated sometime in February or March 1995. Watch the ELHILL online NEWS and the *Technical Bulletin* for the date of the regeneration.

Year-End Processing Schedule: File Updates and Automatic SDIs

October 22, 1994: December 1994 MEDLINE/SDILINE 9412 (EM) with 1994 MeSH vocabulary available online.

November 12-13, 1994: SDILINE unavailable in order to implement this database with 1995 MeSH vocabulary.

November 14 - December 9, 1994: December 1994 SDILINE available, containing 9412 (EM) data with 1995 MeSH. STORESEARCHes should be executed online.

December 1, 1994: Last day to revise and restore strategies in time for 9501 (EM) SDILINE Automatic SDIs.

December 3, 1994: The 9501 (EM) SDILINE Automatic SDIs are expected to be processed on or about this date.

December 6, 1994: Last day to revise and restore strategies in time for 9412 (EM) TOXLINE/TOXLIT Automatic SDIs.

December 8, 1994: The 9412 (EM) TOXLINE/TOXLIT Automatic SDIs are expected to be processed on or about this date.

December 9, 1994: Last day to revise and restore strategies in time for 9501 (EM) HEALTH and 9412 (EM) CANCERLIT Automatic SDIs.

December 10-11, 1994: The NLM computer will be unavailable for searching over this weekend so that the 1995 MEDLINE, SDILINE, HEALTH, CANCERLIT, BIOSEEK, CATLINE, and AVLNE databases and MEDLINE Backfiles may be installed. PDQ and DOCLINE will also be down. The TOXNET computer is unaffected.

Note: If the installation of the 1995 databases proceeds smoothly, it is possible that the computer will be brought back online early, that is, on either December 10 or 11, with the 1995 databases ready for searching. These dates are provided as guidelines so searching schedules may be planned.

December 12, 1994: Maintained MEDLINE and HEALTH databases available online with 9501 (EM) update data. 9501 (EM) SDILINE available online. The CANCERLIT database class-maintained and updated through 9412 (EM) should also be available online on this date. These databases, the MEDLINE Backfiles, BIOSEEK, CATLINE and AVLNE should be searched using 1995 MeSH vocabulary.

December 12, 1994: The 9501 (EM) HEALTH and 9412 (EM) CANCERLIT Automatic SDIs are expected to be processed on or about this date.

December 23, 1994: Maintained AIDSLINE available online with 9501 (EM) data and 1995 MeSH. Last day to revise and restore strategies for AIDSLINE 9501 (EM) Automatic SDIs.

December 27, 1994: 9501 (EM) AIDSLINE Automatic SDIs are expected to be processed on or about this date.

December 30, 1994: Last day to revise and restore strategies in time for December 1994 CATLINE and AVLNE Automatic SDIs.

December 31, 1994: The 9502 (EM) SDILINE Automatic SDIs will be processed on or about this date.

January 2, 1995: December 1994 CATLINE and AVLNE Automatic SDIs will be processed on or about this date.

January 10, 1995: Maintained HSTAR available online with 9501 and 9502 (EM) data. Last day to revise and restore strategies in time for 9501 and 9502 (EM) HSTAR Automatic SDIs.

January 12, 1995: 9501 and 9502 (EM) HSTAR Automatic SDIs and 9502 (EM) AIDSILINE Automatic SDIs will be processed on or about this date. □

*--prepared by Vivian Auld and Jan Willis
MEDLARS Management Section*

Coming Attractions - MeSH

Targeted Subject Areas for Expanded and Updated Coverage

Over 400 new headings have been added to MeSH for the 1995 indexing and searching year. Five areas deserve particular mention:

1. Space Life Sciences: As part of the cooperative agreement between NLM and the National Aeronautics and Space Administration (NASA) to establish a database devoted to the space life sciences, over 60 new headings pertinent to research and exploration in this area were created. A significant effort was put forth by NASA contractors in identifying concepts of importance in journals, technical reports, and other sources that will form the core of the new database. Many of the 1995 headings issuing from this project have application outside the field of space research as well. This work also contributed to the modification of more than 50 existing MeSH headings to provide scope notes and cross-references incorporating the scope of the space life sciences.

Many of the new headings are grouped into three areas: plant physiology, human physiology, and the environment - terrestrial and extraterrestrial. Plant-associated terms include a new tree array related to plant structure (e.g., PLANT SHOOTS, PLANT ROOTS), plant growth (e.g., GERMINATION, TROPISM), and specific plants (e.g., OATS, SPINACH). Human physiology terminology was enhanced by a number of headings relating to normal, pathological, and physiological effects of space exploration (e.g., SPACE MOTION SICKNESS, WEIGHTLESSNESS COUNTERMEASURES, CARDIOVASCULAR DECONDITIONING). Finally, a number of environmental terms were added, including BIOMASS, EXOBIOLOGY, HYPOGRAVITY, and all of the planets.

2. History of Medicine: At the request of the History of Medicine Division (HMD), MeSH has added 25 headings of special interest to researchers in this field. The new headings are based on suggestions developed and researched by HMD and support the HISTLINE database as well as the indexing of historical articles for *Index Medicus* and MEDLINE. Headings range from diseases of historical significance (such as KING'S EVIL

and SWEATING SICKNESS) through various plants of medicinal or nefarious significance (HEMLOCK, JUNIPER) to cultural and geographical aspects (BYZANTIUM, WITCHCRAFT). Several terms are also relevant to present-day biomedicine, including TERATOLOGY and HINDUISM. Finally, a new chronological division has been created, HISTORY OF MEDICINE, EARLY MODERN. This term covers the period from 1451 to 1600 leaving the long-standing HISTORY OF MEDICINE, MODERN to cover the period from 1601 to the present.

3. Neuropharmacology: A major review and revision of several Category D trees was undertaken as a follow-up to work begun last year for the 1994 MeSH. This year's work resulted in the reorganization of five trees dealing with nervous system pharmacology, condensing them into three cohesive arrays. The basic philosophy establishes hierarchies for the pharmacologic effects of the various drugs based on the systems they affect (e.g., CENTRAL NERVOUS SYSTEM STIMULANTS) and hierarchies for the mechanism by which the various chemicals exert these effects (e.g., SEROTONIN UPTAKE INHIBITORS). Thus, Category D14 now consists of NEUROTRANSMITTERS AND NEUROTRANSMITTER AGENTS (NON MESH); D15 contains CENTRAL NERVOUS SYSTEM AGENTS (arrayed both in terms of the classic stimulants and depressants as well as more functionally in terms of ANTI-ANXIETY AGENTS, ANTI-DYSKINESIA AGENTS, etc.); and D16 collects the PERIPHERAL NERVOUS SYSTEM AGENTS (NON MESH) (divided into AUTONOMIC AGENTS, NEUROMUSCULAR AGENTS, and SENSORY SYSTEM AGENTS (NON MESH)).

4. Systemic Pharmacology: With the condensing of the neuropharmacology terminology from five trees to three, two "empty" trees became available to collect together terms which had heretofore been buried within other larger and more eclectic gatherings. Category D17 is now newly named a rather wordy ANTI-INFLAMMATORY AGENTS, ANTIRHEUMATIC AGENTS, AND INFLAMMATION MEDIATORS (NON MESH). Here are collected in one place all chemicals related to the inflammatory process -- those that cause, those that treat, and those endogenous and exogenous substances that mediate inflammation.

Category D23 is now the home of all DERMATOLOGIC AGENTS. These had been subsumed in part of D26 in the past and now are conveniently grouped together in a single location.

5. Public Health and Health Services Research: The increasing number of micro-organisms exhibiting resistance to currently available antibiotics has led to the creation of DRUG RESISTANCE, MULTIPLE (complementing the 1994 addition TUBERCULOSIS, MULTI-DRUG RESISTANT). This past year also saw an alarming incidence of illnesses associated with exposure to the hantavirus; two headings have been created to cover articles on this concept, HANTAVIRUS INFECTIONS and HANTAVIRUS PULMONARY SYNDROME. Other terms with public health and/or epidemiologic significance are:

ACCIDENTS, RADIATION
 CD4 LYMPHOCYTE COUNT
 CROSS-OVER STUDIES
 DISEASE-FREE SURVIVAL
 DISEASE NOTIFICATION
 DISEASE PROGRESSION
 DISEASE TRANSMISSION
 DISEASE TRANSMISSION, HORIZONTAL
 DISEASE TRANSMISSION, VERTICAL
 MANDATORY TESTING
 MATERNAL EXPOSURE
 NEEDLE-EXCHANGE PROGRAMS
 PATERNAL EXPOSURE
 RESCUE WORK
 RISK ASSESSMENT
 SAMPLE SIZE
 SEER PROGRAM
 SENTINEL SURVEILLANCE
 STATISTICS, NONPARAMETRIC
 WASTE MANAGEMENT
 WATER PURIFICATION

Terms relevant to socioeconomics or the delivery of health care are:

APACHE
 BATTERED WOMEN
 BLOOD PRESSURE MONITORING,
 AMBULATORY
 BREAST IMPLANTS
 COMMUNITY HEALTH PLANNING
 DEVICE APPROVAL
 FEE-FOR-SERVICE PLANS
 HOME CARE AGENCIES
 HOME CARE SERVICES, HOSPITAL-BASED
 HOME HEALTH AIDES
 HOME INFUSION THERAPY
 HOMEBOUND PERSONS
 HOMELESS YOUTH
 HOSPITAL-PHYSICIAN RELATIONS
 MEDICAL FUTILITY
 MODELS, ECONOMIC
 MONITORING, AMBULATORY
 NUTRITION POLICY

NUTRITIONAL SUPPORT
 PAIN CLINICS
 PATIENT-CENTERED CARE
 PATIENT SELECTION
 PERINATAL CARE
 PERSISTENT VEGETATIVE STATE
 PHYSICIAN SELF-REFERRAL
 PREGNANCY, HIGH-RISK
 PREGNANCY REDUCTION, MULTIFETAL
 REPRODUCTIVE PROFILE
 SICK LEAVE
 SICKNESS IMPACT PROFILE
 SPOUSES
 UTERINE MONITORING

Subheadings

For the first time in several years, two new topical subheadings have been created for 1995: /agonists and /virology. The first, /agonists, has been established for use with drugs and chemicals in Category D and complements the long-existing subheading /antagonists. The second, /virology, completes the grouping of subheadings related to the presence of micro-organisms that already included /microbiology and /parasitology. These have been added to the appropriate places in the subheading pre-explosion arrays (see page I-110 of the 1995 *Annotated Alphabetic MeSH* or Appendix H of this issue of the *Technical Bulletin*).

Publication Types

Three publication types were added for 1995 and one was deleted. CONTROLLED CLINICAL TRIAL, NEWSPAPER ARTICLE, and TWIN STUDY have been incorporated. CONGRESS was deleted and the concept merged into the previously existing MEETING REPORT. These actions bring to 50 the total number of available publication types (see pages I-18 through I-26 of the 1995 *Annotated Alphabetic MeSH* for the complete list).

Pre-Explosions

Two additions to the MeSH heading pre-explosion list have been made for 1995. They are AMINO ACIDS and DIAGNOSIS (see pages I-107 through I-109 of the 1995 *Annotated Alphabetic MeSH* or Appendix G of this issue of the *Technical Bulletin* for a complete listing). □

-prepared by Peri Schuyler
 MeSH Section

Rebuilding CATLINE/AVLINE

The rebuilding of the CATLINE and AVLINE databases in December 1994 primarily involves changes to MeSH headings and the elimination of obsolete fields or data values from the databases.

These changes should appear online on December 12, 1994 if Year-End Processing goes according to schedule.

Data Changes Applicable to CATLINE and AVLINE

1. Changes were made to MeSH Headings (MH) in CATLINE and AVLINE corresponding to the changes made in 1995 MeSH.

2. NLM corrected all of the geographic form subheading terms in the chart shown below from the country term in the left column to the new term in the right column.

3. The values "C" (for indexed materials) and "E" (for fiction) have been deleted from the MARC Indicators (MA) field. The remaining searchable value in this field is "A" for Government Publication.

Data Changes Applicable to CATLINE only

1. The obsolete value of "D" (previously used internally to distinguish document serials) in the Item Type (IT) field has been changed to the value "S" for serial.

2. The Status (ST) field, a field used only for NLM internal processing purposes, has been eliminated. □

*--prepared by Alice Jacobs
Technical Services Division*

Previous Geographic Subheading Subheading

Burma
Georgia S.S.R.
Ivory Coast
Kazakh S.S.R.
Kirghiz S.S.R.
Moldavian S.S.R.
Russian S.F.S.R.
South Pacific Islands
Uzbek S.S.R.

1995 MeSH Geographic

Myanmar
Georgia (Republic)
Cote d'Ivoire
Kazakhstan
Kyrgyzstan
Moldova
Russia
Pacific Islands
Uzbekistan

SERLINE Update

New data elements and new values for existing data elements have been recently added to SERLINE. [Editor's note: Data element and field are synonymous and are used interchangeably in this article.]

New Entry Month (EM) Field

The four-character Entry Month (EM) field contains the year and month in YYMM format and is directly searchable. Data in this field indicate the year and month that the record was added to SERLINE, e.g., for titles added as of August 1994, the EM value is 9408. This means that you can now easily locate the titles that have been added to SERLINE during a particular month by searching on the EM. For titles added between November 1978, 7811 (EM), through July 1994, 9407 (EM), the data in this field reflects the date that the title was added to NLM's internal serials database. This date usually, but not always, coincides with the year and month that the title appears in SERLINE. Some SERLINE records will not have any data in the EM field because they predate the time when a Date of Entry field was coded and thus had no data with which to create an Entry Month field.

Date of Entry (DA) and Revision Indicator (RI) Fields

Data in the Date of Entry (DA) field and the value of "A" in the Revision Indicator (RI) field will no longer be used to indicate the date that a title was added to SERLINE. The date in the DA field will reflect when the record was first input into NLM's internal serials system. The Major Revision Date (MR) and RI fields will continue to indicate when a title cessation or change is recorded in SERLINE. The RI value of "R," which indicates if the entry was one of 25,000 records added retrospectively, will also continue to be used.

New Superintendent of Documents Classification Number (SDC) Field

The Superintendent of Documents Classification Number (SUDOCs) has been added to aid those searching for

government documents. The SUDOCs number for the serial is stored in the SDC field. The number is searchable as an element in the Number Index (NX) field. The NX field allows retrieval of special types of numbers in CATLINE, AVLINE, and SERLINE. To search explicitly in the Number Index, the user must use a compressed search string qualified by the mnemonic (NX). (See pages 24-29 of the November-December 1992 *Technical Bulletin* for more information about the Number Index field.) For example, to search for the title with the SUDOC number HZE 123/ABC123, the search would be: HZE123ABC123 (NX). SUDOC numbers can also be identified using the NEIGHBOR command, for example: NBR HE22: (NX).

Changes Relating to Electronic Journals

Several additions have been made to SERLINE to provide information about serials available in electronic format. Many of these titles are not available from NLM, but the SERLINE record will provide information about how users can access them. Two new fields have been added to provide access information and two other fields have new values relating to this new format.

New Electronic Mail Address (EML) Field

The host computer address is indicated here. An example of data in the EML is:

EML - LISTSERV@UICVM.UIC.EDU

New Network Access (NAC) Field

Data in this field indicate the mode of access to the publication. Possible values are:

- F (for ftp)
- G (for gopher)
- L (for listserv)
- M (for modem)
- T (for telnet)

The data elements EML and NAC are not directly searchable. They are printed only when they are specified (i.e., PRT EML, NAC) or when the PRT DETAILED or PRT ACQUISITIONS commands are used.

Call Number (CA) and General Material Designation (GMD) Fields

New values have been added to the Call Number (CA) and General Material Designation (GMD) fields. "Electronic Journal" is now used in the Call Number (CA) field to denote serial publications available primarily online. The corresponding General Material Designation (GMD) value is EJ.

Titles in SERLINE with the call number "Electronic Journal" are not available from NLM, and the SERLINE entry includes the following statement in the General Note (GN) field: "This title is not in the NLM collection." The records for these titles are in SERLINE to let users know that the publications are available and to provide information about access.

Figure 1 shows an example of record retrieved for an electronic journal.

```

SS 1 /C?
USER:
file ser

PROG:
YOU ARE NOW CONNECTED TO THE SERLINE FILE.

SS 1 /C?
USER:
(ca) electronic journal

PROG:
SS (1) PSTG (21)

SS 2 /C?
USER:
prt 1 dl

PROG:

1
DA - 940610
EM - 9406
TI - AIDS ALERT FOR HEALTH CARE WORKERS
TK - AID/A/F/H
FL - 1,1994—
PL - TORONTO
PU - RYERSON POLYTECHNICAL INSTITUTE
GN - THIS TITLE IS NOT IN THE NLM COLLECTION. TITLE FROM TITLE SCREEN.
      MODE OF ACCESS: CICNET JOURNAL ACCESSED BY TELNET ECNET.EDU,
      REGISTER AS GOPHER. ALSO THROUGH E-MAIL: LIBR8508@RYERSON.
FR - IF
OC - OPEN
Y1 - 1994
LA - ENG
GMD - EJ
CY - CANADA
NAC - T
NAC - L
EML - ECNET.EDU
EML - LIBR8508@RYERSON
CA - ELECTRONIC JOURNAL
JD - ACQUIRED IMMUNODEFICIENCY SYNDROME
UI - SR0081367

```

Figure 1 - SERLINE Record for an Electronic Journal

If NLM collects an electronic journal in a format other than electronic, such as print or microfiche, it will be cataloged and receive an NLM call number indicating its shelving location.

Viewing articles in an electronic journal is accomplished by accessing the publicly available networks. To collect the publication, one must capture (download) an issue or article over an electronic network. There may be a subscription fee. □

*--prepared by Esther Baldinger
Serial Records Section*

Subject and Call Number Field Changes to NLM Bibliographic Records

This article is primarily directed to librarians who use USMARC bibliographic records created and distributed by the National Library of Medicine.

Two major changes were made to the structure of NLM USMARC bibliographic records in conjunction with the development of an improved conversion program for NLM's USMARC bibliographic record distribution. These changes represent NLM's adherence to the requirements of the *USMARC Format for Bibliographic Records Including Guidelines for Content Designation* and they were implemented with the reinstatement of regular distribution of NLM records in USMARC format. Records reflecting these changes in policy began to appear in the USMARC tape distribution to most NLM CATLINE and AVLINE tape licensees in early June and, for all subscribers, as of August 4, 1994.

1. Use of Level of Subject Indicator for USMARC Field 650

With the 1994 production year, the NLM Cataloging Section began designating a primary or secondary subject indicator to MeSH terms assigned to monographs and classed serials.

For ELHILL users, subject headings on new records added to CATLINE and AVLINE are now listed roughly in order of importance; subject headings on older records appear in alphabetical order. Users of NLM USMARC distributed products began to note the specific coding of the first indicator of the USMARC field 650 with the reinstatement of regular distribution of NLM bibliographic records in USMARC format in June 1994.

NLM is using the values defined in the *USMARC Format*

for Bibliographic Data 1994 Edition:

- b* — No information available (*b* = blank)
- 0 — No level specified
- 1 — Primary
- 2 — Secondary

In assigning the specific indicator value to the MeSH terms for newly cataloged materials, NLM is applying the following principles:

a. For Monographs and Classed Serials

Following the guideline that a classification number is assigned to an item based on its **primary** subject, the value "1" in the first indicator of USMARC 650 identifies the subject heading(s) that represent(s) the **primary subject** of the item as cataloged. This tag indicates the MeSH term(s) that led to the assignment of a particular classification number. A direct link can thereby be established in the majority of cases from the subject terms assigned to the classification number selected, excluding instances where the item is an individual analytic of an analyzed multi-part item. (Note: For analyzed multi-part items, the primary subject represents the actual subject matter of the individual analytic and may not necessarily correspond to the overall class number assigned).

The value "2" in the first indicator of USMARC 650 indicates that the subject heading **does not** represent the primary subject of the item being cataloged.

The coding of the primary subject conforms to NLM classification practice. Specifically, materials dealing with several subjects that fall into different areas of the classification **are classed by emphasis, or if emphasis is lacking, by the first subject treated in the item being cataloged**. Therefore, the subject term(s) that represent(s) the emphasis of an item dealing with more than one subject will be coded as "1" in the first indicator of USMARC field 650. In cases where emphasis is lacking, the term that represents the first subject treated will be coded as "1" in the first indicator of USMARC field 650. Figure 1 on the following page shows examples of the various values in the USMARC 650 field.

a. For Monographs and Classed Serials

Example -- Item Classed by Emphasis

USMARC 245 10\$aUltrasound :\$ba pattern approach /\$cPatricia L. Abbott.
USMARC 650 12\$aUltrasoundography. -- primary subject
650 22\$aPattern Recognition. -- secondary subject
USMARC 060 10\$aWB 289\$bA124u 1994

Although the assignment of one primary subject heading per item is preferred, it is permissible to code two or three subject terms using the value “1” in the first indicator of USMARC field 650 if needed to cover the concept properly.

Example -- More Than One Primary Subject

USMARC 245 10\$aPosterior uveitis :\$bdiagnosis and management
\$/cKhalid F. Tabbara, Robert B. Nussenblatt.
USMARC 650 12\$aUveitis, Posterior\$xdiagnosis.
650 12\$aUveitis, Posterior\$xtherapy.
USMARC 060 10\$aWW 240\$bT112p 1994

When a form classification number is used, the primary subject together with the appropriate form subheading corresponds to the class number assigned.

Example -- Primary Subject and Form Number Classification

USMARC 245 14\$aThe pain drugs handbook /\$cSota Omoigui.
USMARC 650 12\$aAnalgesics\$xhandbooks.
650 22\$aPain\$xdrug therapy\$xhandbooks.
USMARC 060 10\$aQV 39\$b056p 1995

b. For Serial Analytics

For serial analytics, the primary subject corresponds to the alternative monographic classification number assigned, presented in USMARC as the second occurrence of the USMARC field 060.

Example -- Serial Analytic

USMARC	245	10\$aProvocation testing in clinical practice /\$cedited by Sheldon L. Spector.
USMARC	650	12\$aHypersensitivity. -- primary subject
	650	22\$aBronchial Provocation Tests. -- secondary subject
	650	22\$aNasal Provocation Tests. -- secondary subject
	650	22\$almmunologic Tests. -- secondary subject
USMARC	060	10\$aW1\$bCL652 v.5 1995
	060	10\$aQW 900\$bP968 1995 -- alternative class number associated with primary subject

c. For Serials Classified in Form Numbers W1 or W2

For serials classed in W1 or W2, NLM is assigning the value "0" (no level specified) to the first indicator of USMARC field 650.

Figure 1 - Level of Subject Indicator in USMARC Field 650

2. Changes to the Structure of USMARC Field 060 on NLM Records

In mid-January 1994, the National Library of Medicine implemented accession number shelving for the majority of print monographs acquired and shelved in the general collection. (For further information regarding accession number shelving at NLM, refer to pages 19-20 of the January-February 1994 *Technical Bulletin*).

In conjunction with the change to accession number shelving for monographs, NLM discontinued the policy of supplying NLM-assigned call/class/acquisition numbers in one single USMARC field 060 in its USMARC-formatted bibliographic records. Specifically, in prior distribution, NLM supplied all call numbers associated with an item in one single 060, with the call number used at NLM shown first and others in brackets. NLM is now outputting each call or accession number in a separate occurrence of USMARC field 060, with appropriate indicators and subfielding. Therefore, there may be multiple occurrences of USMARC field 060 on NLM records of all formats distributed in the USMARC format.

This change enables NLM to code the indicators accurately on each USMARC field 060, as defined by USMARC. Users should be alerted to use the first indicator to determine which USMARC field 060, if any, reflects the call number for the item as held at NLM. As defined by USMARC, the value "0" the first indicator

of USMARC field 060 indicates that the "item is in NLM"; the value "1" means that the "item is not in NLM." For Cataloging-in-Publication (CIP) records (i.e., those having an encoding level of "8"), the first indicator of each USMARC field 060 is set to the value "1," indicating that the item is NOT at NLM.

Examples

For most published monographs:

USMARC	060	00\$a1993 A-134
	060	10\$W 275 AA1\$bU8 1990

For CIPs that are not analytics (only one 060 will be distributed):

USMARC	060	10\$aQT 34\$bB61152 1992
--------	-----	--------------------------

For CIPs which NLM treats as analytics:

USMARC	060	10\$W1\$bCU7871 v.8 1994
	060	10\$QH 795\$bA644 1994

In the ELHILL files, CATLINE and AVLINE, no change was made to the Call Number (CA) field which, as always, may be multiply occurring. The library symbol "02NLM" indicates the particular occurrence of the Call Number (CA) field that represents the call number of the item at NLM. □

*--prepared by Alice Jacobs
Technical Services Division*

Serials Information Available via ftp

Introduction

The 1994 *List of Journals Indexed In Index Medicus* (LJI) and the 1994 *List of Serials Indexed for Online Users* (LSIOU) are now available from the NLM Gopher and via anonymous ftp from the NLM anonymous ftp server. The LJI and the LSIOU are available in both ASCII and WordPerfect from the NLM Gopher, and all sections except the introductions are available in ASCII, WordPerfect, and PostScript via ftp. (The introductions are available in ASCII and WordPerfect via ftp). Each publication consists of several files as described in the following paragraphs.

NLM plans to update the electronic versions of the LJI and the LSIOU two to three times each year. The printed editions of the LJI and LSIOU will continue to be published annually. (See page XX of the Technical Notes section in this issue for order information for the 1995 LSIOU. Order information for the 1995 LJI will be published in a forthcoming issue.)

LJI

The LJI is current as of July 20, 1994 and it is anticipated that the 1995 edition will be available by late December 1994. The LJI is divided into the following files: Introduction, Abbreviation Listing, Full Title Section, List of Subject Headings, Subject Listing, and Geographic Listing.

LSIOU

The LSIOU now available for ftping is current as of April 26, 1994 and it is anticipated that the 1995 edition will be available in January 1995. The LSIOU is divided into the following: Introduction, and four files for the listings by abbreviation: A-B, C-I,

J-O, and P-Z. The 1995 print version of the LSIOU available for purchase from NTIS will contain the same information as the copy mounted on the server for ftping in January 1995. NLM plans to update the electronic version of the LSIOU three times per year and the print version will continue being issued annually.

Serials Update Information

The Serials Update section of the *Technical Bulletin*, which provides current information about titles newly selected for indexing, title changes, and titles no longer indexed in MEDLINE, BIOTECHSEEK, HEALTH, and HSTAR is also being put onto the NLM anonymous ftp server as a separate ASCII file. Currently, 1994 updates from the January-February, March-April, and May-June issues of the *Technical Bulletin* are available. NLM plans to keep one year (six issues) of updates on the host server. If you ftp the entire issue of the *Technical Bulletin* (currently available as a PostScript file) it will include the Serials Update information being made available separately here.

Getting the Files

The LJI, LSIOU, and Serials Update files may be obtained via anonymous ftp from the host nlmpubs.nlm.nih.gov. These files are in the subdirectory /online/journals. To access the publications through the NLM Gopher, use your local gopher client, or, if that is not available, telnet to the address gopher@nlm.nih.gov. First select Online Services and then Journal Title Lists.

Questions about contents and format of the *List of Journals Indexed In Index Medicus*, the *List of Serials Indexed for Online Users*, or the Serials Update files should be addressed to Esther Baldinger, elb@nlm.nih.gov. Questions about ftping to nlmpubs.nlm.nih.gov should be addressed to ftpadmin@nlmpubs.nlm.nih.gov, and questions about the NLM Gopher should be addressed to admin@gopher.nlm.nih.gov. □

--prepared by Esther Baldinger
Serial Records Section

SERIALS UPDATE

INDEXED TITLES UPDATED, JULY-AUGUST 1994

The following titles cited in MEDLINE, HEALTH, and HSTAR have recently been selected for indexing, undergone a title change, or ceased publication. This list is not cumulative; the information provided is only for titles whose status has changed since the last UPDATE. More detailed information may be found in SERLINE. For further information, please contact MMS or Ms. Esther Baldinger, Technical Services Division at 301-496-3784 or elb@nlm.nih.gov.

Serials Update information may also be obtained by anonymous ftp from the host nlm.pubs.nlm.nih.gov. The file is in the subdirectory /online/journals. The same Update information may also be obtained from the NLM Gopher; first gopher to gopher.nlm.nih.gov, then select Online Services, then select Journal Title Lists. Questions about ftping to NLM should be addressed to ftpadmin@nlmpubs.nlm.nih.gov and questions about the NLM Gopher should be addressed to admin@gopher.nlm.nih.gov.

TITLES SELECTED FOR INDEXING, JULY-AUGUST 1994

IM BIOLOGICAL BULLETIN
BIOL BULL
1,1899—
MARINE BIOLOGICAL LABORATORY
WOODS HOLE MA UNITED STATES
SUPERSEDES: ZOOLOGICAL BULLETIN.
INDEXING FOR ONLINE FILES BEGAN WITH
V129N2, OCT 1965, CEASED WITH V160N1, 1981,
AND RESUMED WITH V186N1, FEB 1994.
W1 BI739 0006-3185
B16600000 JC: A2G
MARINE BIOLOGICAL LABORATORY, MBL ST,
WOODS HOLE MA 02543

IM BIOORGANIC AND MEDICINAL CHEMISTRY
BIOORG MED CHEM
1N1, JUL 1993—
PERGAMON PRESS
OXFORD ENGLAND
VOL. 1 COMPLETE IN SIX ISSUES.
COMPLEMENTS OTHER PUBLICATIONS,
ESPECIALLY BIORGANIC AND MEDICINAL
CHEMISTRY LETTERS.
INDEXING BEGAN WITH V1N1, JUL 1993.
W1 BI876E 0968-0896
SR0075939 JC: B38

IM CANADIAN VETERINARY JOURNAL
CAN VET J
1,1960—
CANADIAN VETERINARY MEDICAL
ASSOCIATION
OTTAWA CANADA
INDEXING FOR ONLINE FILES BEGAN WITH
V6N9, SEP 1965, CEASED WITH V23N1, 1982,
AND RESUMED WITH 35N1, JAN 1994.
W1 CA665S 0008-5286
C04920000 JC: CLS

IM CARDIOVASCULAR SURGERY
CARDIOVASC SURG
1,1993—
BUTTERWORTH HEINEMANN
OXFORD ENGLAND
OFFICIAL JOURNAL OF THE INTERNATIONAL
SOCIETY FOR CARDIOVASCULAR SURGERY.
INDEXING BEGAN WITH V1N1, FEB 1993.
W1 CA773S 0967-2109
SR0075353 JC: B39
BUTTERWORTH-HEINEMANN, LINACRE
HOUSE, JORDAN HILL, OX2 8DP
OXFORD, ENGLAND

IM CELL ADHESION AND COMMUNICATION
CELL ADHES COMMUN
1N1, MAY 1993—
HARWOOD ACADEMIC PUBLISHERS
YVERDON SWITZERLAND
INDEXING BEGAN WITH V1N1, MAY 1993.
W1 CE126E 1061-5385
SR0074622 JC: B4A
HARWOOD ACADEMIC PUBLISHERS
GMBH, CHEMIN DE LA SALLAZ, 1400 YVERDON-

TITLES SELECTED FOR INDEXING, JULY-AUGUST 1994

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IM CHEMICAL SENSES
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PUBLISHED IN ASSOCIATION WITH THE
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ORGANIZATION, THE ASSOCIATION FOR
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JAPANESE ASSOCIATION FOR THE STUDY OF
TASTE AND SMELL. CONTINUES: CHEMICAL
SENSES AND FLAVOR.
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W1 CH265J 0379-864X
C15615000 JC: B4B
IRL PRESS,WALTON STREET,OX2 6DP
OXFORD,ENGLAND

IM CHEMOSPHERE
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1,1972—
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INDEXING BEGAN WITH V29N1,JUL 1994.
W1 CH38 0045-6535
C16780000 JC: B4D
ELSEVIER SCIENCE LTD.,HEADINGTON HILL
HALL,OX3 0BW OXFORD,ENGLAND

IM CHEST SURGERY CLINICS OF NORTH AMERICA
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1,1991—
SAUNDERS
PHILADELPHIA PA UNITED STATES
EACH ISSUE ALSO HAS A DISTINCT TITLE.
INDEXING BEGAN WITH V4N1,FEB 1994.
W1 CH42L 1052-3359
SR0072211 JC: B4E
W.B. SAUNDERS,625 WALNUT
STREET,PHILADELPHIA PA 19106-3399

HLI CLINICAL PERFORMANCE AND QUALITY
HEALTH CARE
CLIN PERFORM QUAL HEALTH CARE
1,1993—
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THOROFARE NJ UNITED STATES
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W1 CL762M 1063-0279
SR0074900 JC: B3F

IM CONVULSIVE THERAPY
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1N1,1985—
RAVEN PRESS
NEW YORK NY UNITED STATES
INDEXING BEGAN WITH V10N1,MAR 1994.
W1 CO785 0749-8055
SR0052438 JC: B4F
RAVEN PRESS,1185 AVENUE OF THE
AMERICAS,NEW YORK CITY NY 10036

IM CURRENT OPINION IN NEPHROLOGY AND
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INCLUDES A SECTION CALLED: BIBLIOGRAPHY
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W1 CU799GFN 1062-4821
SR0075382 JC: B4H

IM DISASTERS
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1,1977—
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W1 DI742T 0361-3666
D16115000 JC: B4I

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INDEXING BEGAN WITH 1N1,FEB 1993.
W1 EN399M 0942-6027
SR0074870 JC: B4J
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14,D-70469 STUTTGART,GERMANY

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IM	EUROPEAN JOURNAL OF HUMAN GENETICS EUR J HUM GENET 1,1992— KARGER BASEL SWITZERLAND OFFICIAL JOURNAL OF THE EUROPEAN SOCIETY OF HUMAN GENETICS. 1, 1- RELEASED OCT. 1992- . ALSO NUMBERED AS VOL. 1, NO. 1-	INDEXING BEGAN WITH V1N1,MAR 1993. W1 GA457N 1065-2477 SR0075385 JC: B3Q
ON	SPINE. ISSUES FOR VOL. 1- ALSO CALLED '93- INDEXING BEGAN WITH V1N1,1993. W1 EU72DFHH 1018-4813 SR0074786 JC: B4K S. KARGER AG,P.O. BOX POSTFACH,ALLSCHWILERSTRASSE 10,CH- 4009 BASEL,SWITZERLAND	IMMUNOMETHODS IMMUNOMETHODS 1,1992— ACADEMIC PRESS SAN DIEGO CA UNITED STATES INDEXING BEGAN WITH V4N1,AUG 1994. W1 IM53UH 1058-6687 SR0072736 JC: B3R
IM	EXPERIMENTAL NEPHROLOGY EXP NEPHROL 1,1993— S.A. KARGER BASEL SWITZERLAND RELEASED NOV. 1992- . INDEXING BEGAN WITH V1N1,JAN-FEB 1993. W1 EX506T 1018-7782 SR0074787 JC: B4L S. KARGER AG,ALLSCHWILSTRASSE 10,P.O. BOX CH-4009 BASEL,SWITZERLAND	INI JOURNAL OF CULTURAL DIVERSITY J CULT DIVERS 1N1,WINTER 1994— TUCKER PUBLICATIONS LISLE IL UNITED STATES ISSUE FOR WINTER 1994 ALSO CALLED INAUGURAL ISSUE. INDEXING BEGAN WITH V1N1,WINTER 1994. ON ORDER 1071-5568 SR0081607 JC: B24 JOURNAL OF CULTURAL DIVERSITY,THE PUBLISHER,TUCKER PUBLICATIONS; INC.,P.O. BOX 580,LISLE IL 60532
IM	FUTURE OF CHILDREN FUTURE CHILD 1,1991?— CENTER FOR THE FUTURE OF CHILDREN, THE DAVID AND LUCILE PACKARD FOUNDATION LOS ALTOS CA UNITED STATES INDEXING BEGAN WITH V4N1,SPRING 1994. W1 FU616 1054-8289 SR0075803 JC: B4M FUTURE OF CHILDREN,300 SECOND STREET SUITE 102,LOS ALTOS CA 94022	IM JOURNAL OF DRUG TARGETING J DRUG TARGET 1,1993— HARWOOD ACADEMIC PUBLISHERS YVERDON SWITZERLAND INDEXING BEGAN WITH V1N1,MAR 1993. W1 JO625E 1061-186X SR0074769 JC: B3S
IM	GASTROENTEROLOGIST GASTROENTEROLOGIST 1,1993— LITTLE BROWN BOSTON MA UNITED STATES	IM JOURNAL OF HEMATOThERAPY J HEMATOThER 1,1992— MARY ANN LIEBERT NEW YORK UNITED STATES INDEXING BEGAN WITH V1N1,SPRING 1992. W1 JO67D 1061-6128 SR0074332 JC: B3T MARY ANN LIEBERT,1651 THIRD AV, NEW YORK NY 10128
IM		IM LUNG CANCER LUNG CANCER 1N1,AUG 1985— ELSEVIER SCIENTIFIC PUBLISHERS LIMERICK IRELAND FREQUENCY VARIES. PUBLISHED:

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IM MICRON MICRON 24,1993— PERGAMON PRESS OXFORD ENGLAND MERGER OF: MICRON AND MICROSCOPICA ACTA, AND: ELECTRON MICROSCOPY REVIEWS. INDEXING BEGAN WITH V25N1,FEB 1994. W1 MI306MB 0968-4328 SR0075312 JC: B3V PERGAMON PRESS,HEADINGTON ILL HALL,OXFORD OX3 0BW,UNITED KINGDOM	IM PSYCHIATRIC GENETICS PSYCHIATR GENET 1,1990— RAPID COMMUNICATIONS OF OXFORD OXFORD ENG ENGLAND VOL. 1 CONSISTS OF ONE ISSUE. TITLE FROM COVER. PUBLISHER VARIES: CLINICAL NEUROSCIENCE PUBLISHERS (CNS), RAPID COMMUNICATIONS OF OXFORD, INDEXING BEGAN WITH V4N1,SPRING 1994. W1 PS256T 0955-8829 SR0066388 JC: B3X
INI NURSING HISTORY REVIEW IM NURS HIST REV 1,1993— UNIVERSITY OF PENNSYLVANIA PRESS PHILADELPHIA PA UNITED STATES OFFICIAL JOURNAL OF THE AMERICAN ASSOCIATION FOR THE HISTORY OF NURSING. INDEXING FOR INI BEGAN WITH V1,1993. INDEXING FOR IM BEGAN WITH V3,1995. W1 NU597L 1062-8061 SR0075815 JC: BQA	IM RECEPTORS AND CHANNELS RECEPTORS CHANNELS 1N1,1993— HARWOOD ACADEMIC YVERDON SWITZERLAND FREQUENCY VARIES. INDEXING BEGAN WITH V1N1,MAY 1993. W1 RE107KT 1060-6823 SR0074621 JC: B3Y
INI ONCOLOGICA ONCOLOGICA N1,MAY 1994?— VERENIGING VAN ONCOLOGIE VERPLEEGKUNDIGEN EN VERSCHIJNT AMSTERDAM NETHERLANDS INDEXING BEGAN WITH N1,1994. ON ORDER 0929-8703 SR0081608 JC: B22 VERENIGING VAN ONCOLOGIE VERPLEEGKUNDIGEN,POSTBUS 9236,1006 AE,AMSTERDAM,NETHERLANDS	IM SEMINARS IN GASTROINTESTINAL DISEASE SEMIN GASTROINTEST DIS 1N1,OCT 1990— W.B. SAUNDERS PHILADELPHIA PA UNITED STATES EACH ISSUE HAS ALSO A DISTINCTIVE TITLE. INDEXING BEGAN WITH V5N1,JAN 1994. W1 SE488P 1049-5118 SR0068933 JC: B3Z
IM PERSPECTIVES ON DEVELOPMENTAL NEUROBIOLOGY PERSPECT DEV NEUROBIOL 1N1,SEP 1992— GORDON AND BREACH NEW YORK NY UNITED STATES CONTINUES: COMMENTS ON MODERN BIOLOGY. PART D. COMMENTS ON DEVELOPMENTAL	IM SEMINARS IN PEDIATRIC SURGERY SEMIN PEDIATR SURG 1N1,FEB 1992— W.B. SAUNDERS PHILADELPHIA PA UNITED STATES INDEXING BEGAN WITH V1N1,FEB 1992. W1 SE489EN 1055-8586 SR0071943 JC: B30 W.B. SAUNDERS,PO BOX 6280, DULUTH MN 55806
	IM SOLID STATE NUCLEAR MAGNETIC RESONANCE SOLID STATE NUCL MAGN RESON 1,1992— ELSEVIER

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IM	STRUCTURE STRUCTURE 1N1,SEP 15 1993— CURRENT BIOLOGY LONDON ENGLAND VOL. 1 COMPLETE IN FOUR ISSUES. INDEXING BEGAN WITH V1N1,SEP 15 1993. W1 ST81TM 0969-2126 SR0078683 JC: B31 CURRENT BIOLOGY LTD.,MIDDLESEX HOUSE,34-42 CLEVELAND STREET, LONDON W1P 5FB,UK	IM	ZYGOTE ZYGOTE 1,1993— CAMBRIDGE UNIVERSITY PRESS CAMBRIDGE ENGLAND INDEXING BEGAN WITH V1N1,FEB 1993. W1 ZY979 0967-1994 SR0075709 JC: B33 CAMBRIDGE UNIVERSITY PRESS,THE EDINBURGH BUILDING,CAMBRIDGE CB2 2RU,UK
IM	TRANSPLANT IMMUNOLOGY TRANSPL IMMUNOL 1,1993— EDWARD ARNOLD DUNTO GREEN ENGLAND INDEXING BEGAN WITH V1N1,1993. W1 TR233E 0966-3274 SR0075347 JC: B32		

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IM	BIOCHEMICAL AND MOLECULAR MEDICINE BIOCHEM MOL MED 54N1,FEB 1995?— ACADEMIC PRESS SAN DIEGO CA UNITED STATES CONTINUES: BIOCHEMICAL MEDICINE AND METABOLIC BIOLOGY. INDEXING BEGAN WITH V54N1,FEB 1995. ON ORDER-TITLECHANGE 1077-3150 SR0081877 JC: B3J	HLI	FOUNDATION NEWS AND COMMENTARY FOUND NEWS COMMENT 35N2,MAR/APR 1994— COUNCIL ON FOUNDATIONS WASHINGTON DC UNITED STATES CONTINUES: FOUNDATION NEWS. INDEXING BEGAN WITH V35N2, MAR-APR 1994. IN PROCESS 1076-3961 SR0082011 JC: B4P
IM	FOLIA NEUROPATHOLOGICA FOLIA NEUROPATHOL 32,1994— MEDICAL PUBLISHING HOUSE WARSZAWA POLAND CONTINUES: NEUROPATHOLOGIA POLSKA. ASSOCIATION OF POLISH NEUROPATHOLOGISTS AND MEDICAL RESEARCH CENTRE POLISH ASCADEMIA OF SCIENCES. INDEXING BEGAN WITH V32N1,1994. W1 FO259M SR0081930 JC: B37	HLI	HEALTH INFORMATION MANAGEMENT HEALTH INF MANAGE 24N1,MAR 1994— HEALTH INFORMATION MANAGEMENT ASSOCIATION OF AUSTRALIA NORTH MELBOURNE AUSTRALIA JOURNAL OF THE HEALTH INFORMATION MANAGEMENT ASSOCIATION OF AUSTRALIA. CONTINUES: AUSTRALIAN MEDICAL RECORD JOURNAL. INDEXING BEGAN WITH V24N1,MAR. 1994. IN PROCESS SR0082018 JC: B4Q

TITLE CHANGES, JULY-AUGUST 1994

IM	KOREAN JOURNAL OF PARASITOLOGY KOREAN J PARASITOL VOL. 31, NO. 1 (1993/3)- KOREAN SOCIETY FOR PARASITOLOGY SEOUL KOREA OFFICIAL PUBLICATION OF THE KOREAN SOCIETY FOR PARASITOLOGY. OTHER TITLE: KISAENGCHUNGHAK CHAPCHI. CONTINUES: KISAENGCH'UNGHAK CHAPCHI. INDEXING BEGAN WITH V31N1, MAR 1993. W1 KO608F 0023-4001 SR0081753 JC: B3D	W1 OP217M SR0081818	0167-6784 JC: B3G
IM	PEDIATRIC PATHOLOGY AND LABORATORY MEDICINE PEDIATR PATHOL LAB MED 15N1, JAN/FEB 1995— TAYLOR AND FRANCIS WASHINGTON DC UNITED STATES CONTINUES: PEDIATRIC PATHOLOGY. INDEXING BEGAN WITH V15N1, 1995. ON ORDER-TITLECHANGE 1077-1042 SR0081876 JC: B3I		
IM	MEDICAL ONCOLOGY MED ONCOL 11, 1994— SCIENCE AND TECHNOLOGY LETTERS NORTHWOOD ENGLAND CONTINUES: MEDICAL ONCOLOGY AND TUMOR PHARMACOTHERAPY. INDEXING BEGAN WITH V11N1, 1994. W1 ME408BL SR0081736 JC: B3A		
IM	POLISH JOURNAL OF PATHOLOGY POL J PATHOL 45, 1994— POLISH SOCIETY OF PATHOLOGISTS KRAKOW POLAND OFFICIAL JOURNAL OF THE POLISH SOCIETY OF PATHOLOGISTS. CONTINUES: PATOLOGIA POLSKA. INDEXING BEGAN WITH V45N1, 1994. W1 PO23LM SR0081929 JC: B36		
INI	MEDITSINSKAIA POMOSHCH MED POMOS 1993— IZDATELSTVO MEDITSINA MOSKVA RUSSIA ISSUES FOR (1994)- ALSO CARRY MONTHLY DESIGNATION. CONTINUES: MEDITSINSKAIA SESTRA. INDEXING BEGAN WITH N1, JAN 1993. ON ORDER-TITLECHANGE 0869-7760 SR0081561 JC: B27		
INI	RECRUITMENT, RETENTION AND RESTRUCTURING REPORT RECRUIT RETENT RESTRUCT REP 7N4, APR 1994— HALL JOHNSON COMMUNICATIONS LAKEWOOD CO UNITED STATES STRATEGIES FOR RECRUITERS, MANAGERS, R AND R COMMITTEES, AND HUMAN RESOURCE DIRECTORS. CONTINUES: RECRUITMENT AND RETENTION REPORT. INDEXING BEGAN WITH V7N4, APR 1994. IN PROCESS 1044-0666 SR0081884 JC: B3L		
IM	OPHTHALMIC GENETICS OPHTHALMIC GENET VOL. 15, NO. 1 (MAR. 1994)- AEOLUS PRESS AMSTERDAM NETHERLANDS OFFICIAL PUBLICATION OF THE INTERNATIONAL SOCIETY FOR GENETIC EYE DISEASE, THE OPHTHALMIC GENETICS STUDY CLUB AND THE INTERNATIONAL SOCIETY OF PAEDIATRIC OPHTHALMOLOGY. CONTINUES: OPHTHALMIC PAEDIATRICS AND GENETICS. INDEXING BEGAN WITH V15N1, MAR 1994.		
IM	ROMANIAN JOURNAL OF PHYSIOLOGY ROM J PHYSIOL 30N1/2, JAN/JUN 1993— EDITURA ACADEMIEI ROMANE BUCURESTI ROMANIA CONTINUES: REVUE ROUMAINE DE PHYSIOLOGIE. INDEXING BEGAN WITH V30N1/2, JAN/JUN 1993. W1 RO327M SR0081927 JC: B35		

TITLE CHANGES, JULY-AUGUST 1994

INI WEST VIRGINIA NURSE
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 1992—
 WEST VIRGINIA NURSES ASSOCIATION
 CHARLESTON WV UNITED STATES
 ISSUES FOR SEPT. 1993- ALSO INCORRECTLY
 CALLED: VOL. LVV, NO. 4?- . CONTINUES:
 WEATHER VANE. THE OFFICIAL PUBLICATION
 OF
 THE WEST VIRGINIA NURSES ASSOCIATION,
 INC.
 INDEXING BEGAN WITH 1992.
 W1 WE456M 1074-8091
 SR0081676 JC: B3E

TITLES NO LONGER INDEXED, JULY-AUGUST 1994

IM	BOLLETTINO DELL ISTITUTO SIEROTERAPICO MILANESE BOLL IST SIEROTER MILAN 1,1917-70N1/2,1991/92 ISTITUTO SIEROTERAPICO MILANESE MILANO ITALY SUPPLEMENTS ACCOMPANY SOME NUMBERS. VOL. 67 COMPLETE IN 5 ISSUES. FREQUENCY VARIES. INDEXING FOR ONLINE FILES BEGAN WITH V44N7, JUL-AUG 1965. W1 IS865 0021-2547 B30420000 JC: AKG	IM	ON ORDER 1065-6278 SR0076095 JC: BWQ CZECHOSLOVAK MEDICINE CZECH MED 1,1978-14,1991 AVICENUM-CZECHOSLOVAK MEDICAL PRESS PRAGUE CZECH REPUBLIC JOURNAL OF THE SCIENTIFIC COUNCILS OF THE MINISTRIES OF HEALTH OF THE CZECH AND SLOVAK SOCIALIST REPUBLIC. SUPERSEDES REVIEW OF CZECHOSLOVAK MEDICINE. PUBLISHED ALSO IN RUSSIAN WITH TITLE: CHELOSLOVATSKAIA MEDITSINA. INDEXING BEGAN WITH V1,1978. W1 CZ34H 0139-9179 C59180000 JC: D91	
INI	CANADIAN JOURNAL OF PSYCHIATRIC NURSING CAN J PSYCHIATR NURS 7N6, DEC 1966-31N4, OCT/DEC 1990 PSYCHIATRIC NURSES ASSOCIATION OF CANADA NEW WESTMINSTER CANADA VOL. 21 NO. 5, 1980 NEVER PUBLISHED. FREQUENCY VARIES. CONTINUES: PSYCH NURSE, WHICH IS NOT IN THE NLM COLLECTION. INDEXING BEGAN WITH V7N6, JUN-JUL 1966. W1 CA602U 0008-4247 C04420000 JC: CJP	IM	INTERNATIONAL JOURNAL OF ORTHODONTICS INT J ORTHOD 1,1962-29,1991? FEDERATION OF ORTHODONTIC ASSOCIATIONS MILWAUKEE WI UNITED STATES OFFICIAL PUBLICATION OF THE FEDERATION OF	ORTHODONTIC ASSOCIATIONS. PUBLICATION SUSPENDED FOR 1992. INDEXING FOR ONLINE FILES BEGAN WITH 1N4, OCT 1963. W1 IN771E 0020-7500 I27600000 JC: GS9
ID	CURRENT OPINION IN COSMETIC DENTISTRY CURR OPIN COSMET DENT 1993 CURRENT SCIENCE PHILADELPHIA PA UNITED STATES CONTINUES IN PART: CURRENT OPINION IN DENTISTRY. CONTINUES THE NUMBERING OF: CURRENT OPINION IN DENTISTRY. INDEXING BEGAN WITH 1993.	INI	JOURNAL OF PEDIATRIC AND PERINATAL NUTRITION J PEDIATR PERINAT NUTR 1N1, 1987-2N2, 1990 HAWORTH PRESS	

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INDEXING BEGAN WITH V1N1,1987.		SR0073384	JC: BF7
W1 JO828DM	8756-6206		
SR0055009	JCP: JPP		
IM MICROBIO RELEASES		INI STATE NURSING LEGISLATION QUARTERLY	
MICROB RELEASES		STATE NURS LEGIS Q	
1,1992-2,1994		3N4,WINTER 1985-11N4,WINTER 1993	
SPRINGER-VERLAG		NATIONAL COUNCIL OF STATE BOARDS OF	
BERLIN	GERMANY	NURSING	
INDEXING BEGAN WITH V1N1,JUN 1992.		CHICAGO IL	UNITED STATES
W1 MI265E	0940-9653	CONTINUES: STATE LEGISLATIVE REPORT.	
SR0072312	JCP: BYL	VOLS. 1-4, 1982-1986, PUBLISHED BY	
AMERICAN		AMERICAN	
		NURSES ASSOCIATION, CENTER FOR	
IM MORPHOLOGIAI ES IGAZSAGUGYI ORVOSI		RESEARCH.	
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1,1961-30N3,JUL 1990		SR0055874	JC: U9N
IFJUSAGI LAPKIADO VALLALAT			
BUDAPEST	HUNGARY		
INDEXING BEGAN WITH V1N1,JAN 1971.		IM WEST OF ENGLAND MEDICAL JOURNAL	
W1 MO915J	0540-889X	WEST ENGL MED J	
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		CLINICAL PRESS	
		BRISTOL	ENGLAND
INI ROGERIAN NURSING SCIENCE NEWS		CONTINUES: BRISTOL MEDICO-CHIRURGICAL	
ROGERIAN NURS SCI NEWS		JOURNAL.	
1N1,JUN 1988-5N2,FALL 1992?		W1 WE403	0960-6440
SOCIETY OF ROGERIAN SCHOLARS		SR0068788	JC: AT8
NEW YORK NY	UNITED STATES		
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SCHOLARS.		YEAR IMMUNOL	
INDEXING BEGAN WITH V1N1,JUN 1988.		1,1982-7,1993	
W1 RO288	1050-9089	KARGER	
SR0067753	JCP: AP8	BASEL	SWITZERLAND
		VOLUMES FOR 1982-83 ISSUED AS SURVEY OF	
		IMMUNOLOGIC RESEARCH (W1 SU921H).	
IM ROSSIISKII MEDITSINSKII ZHURNAL		INDEXING BEGAN WITH THE 1984-85 ISSUE.	
ROSS MED ZH		W1 YE397	0256-2308
N1,1992-N5/12,1992		SR0054936	JC: YII
MEDITSINA			
MOSKVA	RUSSIA		
CALLED ALSO: RUSSIAN MEDICAL JOURNAL;			
ROSSIYSKY MEDITSINSKY ZHURNAL.			
CONTINUES: SOVETSKAIA MEDITSINA.			
INDEXING BEGAN WITH N1,1992.			

1995 WEEKLY UPDATE SCHEDULE FOR MEDLINE

<u>Entry Month</u>	<u>Updated MEDLINE Available</u>	<u>Date of Entry (DA) Ranges</u>
9501 (EM)	Dec 12	941021-941123*
9502 (EM)	Dec 31	941124-941229
9503 (EM)		
Part 1	Jan 7	941230-950105
Part 2	Jan 14	950106-950112
Part 3	Jan 21	950113-950119
Part 4	Jan 28	950120-950126
9504 (EM)		
Part 1	Feb 4	950127-950202
Part 2	Feb 11	950203-950209
Part 3	Feb 18	950210-950216
Part 4	Feb 25	950217-950223
9505 (EM)		
Part 1	Mar 4	950224-950302
Part 2	Mar 11	950303-950309
Part 3	Mar 18	950310-950316
Part 4	Mar 25	950317-950323
9506 (EM)		
Part 1	Apr 1	950324-950330
Part 2	Apr 8	950331-950406
Part 3	Apr 15	950407-950413
Part 4	Apr 22	950414-950420
Part 5	Apr 29	950421-950427
9507 (EM)		
Part 1	May 6	950428-950504
Part 2	May 13	950505-950511
Part 3	May 20	950512-950518
Part 4	May 27	950519-950525
9508 (EM)		
Part 1	Jun 3	950526-950601
Part 2	Jun 10	950602-950608
Part 3	Jun 17	950609-950615
Part 4	Jun 24	950616-950622

<u>Entry Month</u>	<u>Updated MEDLINE Available</u>	<u>Date of Entry (DA) Ranges</u>
9509 (EM)		
Part 1	Jul 1	950623-950629
Part 2	Jul 8	950630-950706
Part 3	Jul 15	950707-950713
Part 4	Jul 22	950714-950720
Part 5	Jul 29	950721-950727
9510 (EM)		
Part 1	Aug 5	950728-950803
Part 2	Aug 12	950804-950810
Part 3	Aug 19	950811-950817
Part 4	Aug 26	950818-950824
9511 (EM)		
Part 1	Sep 2	950825-950831
Part 2	Sep 9	950901-950907
Part 3	Sep 16	950908-950914
Part 4	Sep 23	950915-950921
9512 (EM)		
Part 1	Sep 30	950922-950928
Part 2	Oct 7	950929-951005
Part 3	Oct 14	951006-951012
Part 4	Oct 21	951013-951019
9601 (EM)	Dec 11	951020-951122*

*Modified because of holiday

Search hint: To run weekly updates to a search, use the pattern shown below, where SS 1: represents your completed search strategy.

On August 5 - SS 2: 1 AND 9510 (EM)
 On August 12 - SS 2: 1 AND 9510 (EM) AND FROM 950804 TO 950810 (DA)
 On August 19 - SS 2: 1 AND 9510 (EM) AND FROM 950811 TO 950817 (DA)
 On August 26 - SS 2: 1 AND 9510 (EM) AND FROM 950818 TO 950824 (DA)

1995 MONTHLY UPDATE SCHEDULE FOR NLM DATABASES

Entry Month	SDILINE Available	HEALTH/ BIOTECHSEEK Available	POPLINE Available	CANCERLIT Available	TOXLINE/LIT Available	BIOETH- ICSLINE Available
9501	Dec 12	Dec 12	Jan 7	Jan 7	Jan 14	*
9502	Dec 31	Jan 7	Feb 4	Feb 4	Feb 11	Jan 21
9503	Jan 28	Feb 4	Mar 4	Mar 4	Mar 11	*
9504	Feb 25	Mar 4	Apr 8	Apr 1	Apr 8	Mar 18
9505	Mar 25	Apr 1	May 6	May 6	May 13	*
9506	Apr 29	May 6	Jun 3	Jun 3	Jun 10	May 20
9507	May 27	Jun 3	Jul 8	Jul 1	Jul 8	*
9508	Jun 24	Jul 1	Aug 5	Aug 5	Aug 12	Jul 22
9509	Jul 29	Aug 5	Sep 9	Sep 2	Sep 9	*
9510	Aug 26	Sep 2	Oct 7	Oct 7	Oct 14	Sep 23
9511	Sep 30	Oct 7	Nov 4	Nov 4	Nov 11	*
9512	Oct 21	Nov 4	Dec 9	Dec 2	Dec 9	Nov 25

For MEDLINE updates, see the "1995 Weekly Update Schedule for MEDLINE."

For AIDSLINE and HSTAR updates, see the "1995 Update Schedule for AIDSLINE and HSTAR."

* BIOETHICSILINE is updated every two months.

See ELHILL and TOXNET Online News for confirmation of these updates and for updates to files not listed here.

Use \$INFO UPDATES to retrieve a list of MEDLARS databases showing the date of last update, update tag, and total number of records for each.

1995 UPDATE SCHEDULE FOR AIDSLINE and HSTAR

<u>Entry Month</u>	<u>Updated AIDSLINE and HSTAR Available</u>
9501 (EM)	Jan 7**
9502 (EM)	Jan 7**
9503 (EM)	
Part 1	Jan 7**
Part 2	Jan 14
Part 3	Jan 21
Part 4	Jan 28
Part 5	Feb 7*
9504 (EM)	
Part 1	Feb 4
Part 2	Feb 11
Part 3	Feb 18
Part 4	Feb 25
Part 5	Mar 7*
9505 (EM)	
Part 1	Mar 4
Part 2	Mar 11
Part 3	Mar 18
Part 4	Mar 25
Part 5	Apr 4*
9506 (EM)	
Part 1	Apr 1
Part 2	Apr 8
Part 3	Apr 15
Part 4	Apr 22
Part 5	Apr 29
Part 6	May 9*
9507 (EM)	
Part 1	May 6
Part 2	May 13
Part 3	May 20
Part 4	May 27
Part 5	Jun 6*

<u>Entry Month</u>	<u>Updated AIDSLINE and HSTAR Available</u>
9508 (EM)	
Part 1	Jun 3
Part 2	Jun 10
Part 3	Jun 17
Part 4	Jun 24
Part 5	Jul 5* ***
9509 (EM)	
Part 1	Jul 1
Part 2	Jul 8
Part 3	Jul 15
Part 4	Jul 22
Part 5	Jul 29
Part 6	Aug 8*
9510 (EM)	
Part 1	Aug 5
Part 2	Aug 12
Part 3	Aug 19
Part 4	Aug 26
Part 5	Sep 5*
9511 (EM)	
Part 1	Sep 2
Part 2	Sep 9
Part 3	Sep 16
Part 4	Sep 23
Part 5	Sep 30
Part 6	Oct 10*
9512 (EM)	
Part 1	Oct 7
Part 2	Oct 14
Part 3	Oct 21
Part 4	Oct 28
Part 5	Nov 7*

*The last update portion of AIDSLINE includes data derived from HEALTH, CANCERLIT, BIOETHICSLINE (bimonthly), CATLINE, and AVLINE. The last update portion of HSTAR includes data derived from HEALTH, CATLINE, and specially indexed materials.

The other update portions are the MEDLINE-derived data. Please note that the last update portion to complete the Entry Month routinely occurs about 3 days after Part 1 of the next Entry Month is added, e.g., Part 6 of 9509 (EM) is added August 8, after Part 1 of 9510 (EM) which is added on August 5.

**Subject to change.

***Changed due to holiday.

APPENDIX D

MEDLARS ELHILL DATABASE UPDATE FREQUENCY

	WEEKLY	BI-WEEKLY	MONTHLY	BI-MONTHLY	QUARTERLY
AIDSDRUGS			X		
AIDSLINE	X				
AIDSTRIALS		X			
AVLINE	X				
BIOETHICSLINE				X	
BIOTECHSEEK			X ₁		
CANCERLIT			X ₁		
CATLINE	X				
ChemID					X
CHEMLINE				X	
DIRLINE					X
DOCUSER	X				
HEALTH			X ₁		
HISTLINE	X				
HSTAR	X				
MEDLINE	X				
PDQ			X ₁		
POPLINE			X ₁		
SDILINE			X ₁		
SERLINE			X ₂		
TOXLINE			X ₂		
TOXLIT			X ₂		

MEDLARS TOXNET DATABASE UPDATE FREQUENCY

	CONTINUOUSLY	MONTHLY	QUARTERLY	ANNUALLY	AS NEEDED
CCRIS		X			
DART/ETICBACK		X			CLOSED
EMIC/EMICBACK		X			CLOSED
GENE-TOX					X
HSDB	X				
IRIS		X			
RTECS			X		
TRI				X	
TRIFACTS					X

¹ Generally updated 1st week of month² Generally updated 2nd week of month

1994-95 Holiday Schedule for MEDLARS and DOCLINE Service Desks

The MEDLARS and DOCLINE Service Desks are not staffed on the observed holidays listed below.

HOLIDAY	DATE
Christmas Day 1994	
(observed)	Monday Dec 26
(actual)	Sunday Dec 25
New Year's Day 1995	
(observed)	Monday Jan 2
(actual)	Sunday Jan 1
Martin Luther King's Birthday	Monday Jan 16
President's Day	Monday Feb 20
Memorial Day	Monday May 29
Independence Day	Tuesday Jul 4
Labor Day	Monday Sep 4
Columbus Day	Monday Oct 9
Veterans Day	
(observed)	Friday Nov 10
(actual)	Saturday Nov 11
Thanksgiving Day	Thursday Nov 23
Christmas Day 1995	Monday Dec 25

ELHILL, PDQ, and TOXNET computers are scheduled to be up on all holidays.

Notice of changes to this schedule and/or temporary changes in hours of operation will also appear in the online NEWS as soon as any are identified.

DOCLINE will not be available on Christmas Day, New Year's Day, Thanksgiving Day, Memorial Day, Independence Day, and Labor Day.

The Online Codes Map is not available in electronic format.

1995 MeSH HEADING PRE-EXPLOSIONS

PRE-EXPLODED MeSH HEADING

TREE NUMBER(S)

ABNORMALITIES	C16.131
ADULT	M1.471.116
AGED	M1.471.116.100
AMINO ACIDS	D12.125
ANESTHESIA	E3.155
ANTIBIOTICS	D20.85
ANTIBODIES	D24.611.125
ANTI-INFECTIVE AGENTS	D20
ANTINEOPLASTIC AGENTS	D22.204
BACTERIA	B3
BACTERIAL INFECTIONS	C1.252
BEHAVIOR	F1.145
BEHAVIOR A#D BEHAVIOR MECHANISMS	F1
BEHAVIORAL A#D MENTAL DISORDERS	F3
BIOCHEM PHENOM METAB	G6
BLOOD PROTEINS	D12.776.124
BRAIN	A8.186.211
CARBOHYDRATES	D9.203
CARDIOVASCULAR AGENTS	D18
CARDIOVASCULAR DISEASES	C14
CARDIOVASCULAR SYSTEM	A7
CELLS	A11
CENTRAL NERVOUS SYSTEM	A8.186
CENTRAL NERVOUS SYSTEM DISEASES	C10.228
CHEMISTRY, ANALYTICAL	E5.196; H1.181.278
CHILD	M1.471.392
CIRCULATORY, RESPIRATORY PHYSIOLOGY	G9
DENTISTRY	E6; G2.163
DIAGNOSIS	E1
DIAGNOSIS, LABORATORY	E1.223
DIGESTIVE SYSTEM DISEASES	C6
ENZYMES	D8.586
EPIDEMIOLOGIC METHODS	E5.318; G3.850.520
EQUIPMENT A#D SUPPLIES	E7
GASTROINTESTINAL DISEASES	C6.405
GENETICS	G1.273.343; G5
HEALTH FACILITIES	N2.278
HEALTH PERSONNEL	M1.526.485; N2.360
HEALTH SERVICES	N2.421
HEART DISEASES	C14.280
HORMONES	D6.472
IMMUNE SYSTEM	A15.382

IMMUNITY	G4.610
IMMUNOLOGIC FACTORS	D24.611
INFANT	M1.471.392.520
INVERTEBRATES	B1
LIPIDS	D10.516
MAMMALS	B2.649
MENTAL DISORDERS	F3.709
METABOLIC DISEASES	C18.452
METALS	D1.552; J1.637.517
MISCELLANEOUS TECHNIQUES	E5
MUSCULOSKELETAL DISEASES	C5
MUSCULOSKELETAL SYSTEM	A2
NEOPLASMS	C4
NERVOUS SYSTEM	A8
NERVOUS SYSTEM DISEASES	C10
NEUROLOGIC MANIFESTATIONS	C10.597; C23.888.592
ORGANIZATION A#D ADMINISTRATION	N4.452
PHYSIOLOGY, GENERAL	G7
PROTEINS	D12.776
PSYCHOLOGIC PROCESSES PRINCIPLES	F2
PUBLIC HEALTH	G2.403.790.548.560; G3.850; N1.407.540.740
QUALITY OF HEALTH CARE	N4.761; N5.715
REPRODUCTION, UROGENITAL PHYSIOLOGY	G8
RESPIRATORY TRACT DISEASES	C8
RODENTIA	B2.649.865
SIGNS A#D SYMPTOMS	C23.888
SKIN DISEASES	C17.800
STEROIDS	D4.808
STOMATOGNATHIC DISEASES	C7
SURGERY, OPERATIVE	E4
UNITED STATES *	Z1.107.567.875
VASCULAR DISEASES	C14.907
VERTEBRATE VIRUSES	B4.909
VERTEBRATES	B2
VIRUS DISEASES	C2
VIRUSES	B4
WOUNDS A#D INJURIES	C21.866

* When United States is the subject of an article.

To retrieve articles published in the United States, at any USER: prompt enter United States (CY).

MeSH Heading Pre-explosions are searchable only by the Pre-explosion Name (PX) or *Pre-explosion (PX) and not by the tree number(s). See also Subheading Pre-explosions and Place of Publication Pre-explosions in Appendixes H and I respectively.

FAMILIES OF 1995 SUBHEADING PRE-EXPLOSIONS

adverse effects	etiology	physiology
poisoning	chemically induced	genetics
toxicity	complications	growth & development
	secondary	immunology
analysis	congenital	metabolism
blood	embryology	biosynthesis
cerebrospinal fluid	genetics	blood
isolation & purification	immunology	cerebrospinal fluid
urine	microbiology	deficiency
	virology	enzymology
anatomy & histology	parasitology	pharmacokinetics
blood supply	transmission	urine
cytology		physiopathology
pathology		secretion
ultrastructure		
embryology		
abnormalities		
innervation		
chemistry	metabolism	statistics & numer data
agonists	biosynthesis	epidemiology
analogs & derivatives	blood	ethnology
antagonists & inhibitors	cerebrospinal fluid	mortality
chemical synthesis	deficiency	
	enzymology	
	pharmacogenetics	
	urine	
complications	microbiology	surgery
secondary	virology	transplantation
cytology		
pathology		
ultrastructure		
diagnosis	organization & admin	therapeutic use
pathology	economics	administration & dosage
radiography	legislation & jurisprudence	adverse effects
radionuclide imaging	manpower	contraindications
ultrasonography	standards	poisoning
	supply & distribution	
	trends	
	utilization	
embryology	pharmacology	therapy
abnormalities	adminstration & dosage	diet therapy
epidemiology	adverse effects	drug therapy
ethnology	poisoning	nursing
mortality	toxicity	prevention & control

Note: See the reverse side of this appendix for the short forms of the subheading pre-explosions used in searching.

ALPHABETIC LIST OF 1995 SUBHEADING PRE-EXPLOSIONS

<u>FULL NAME</u>	<u>SHORT FORM</u>	<u>FULL NAME</u>	<u>SHORT FORM</u>
adverse effects&	AE&	metabolism&	ME&
analysis&	AN&	microbiology&	MI&
anatomy & histology&	AH&	organization & admin&	OG&
chemistry&	CH&	pharmacology&	PD&
complications&	CO&	physiology&	PH&
cytology&	CY&	statistics & numer data&	SN&
diagnosis&	DI&	surgery&	SU&
embryology&	EM&	therapeutic use&	TU&
epidemiology&	EP&	therapy&	TH&
etiology&	ET&		

Final ampersand (&) and the qualifier (PX) are needed to search; either the full name or short form may be used. The asterisk (*) may not be used in front of a subheading pre-explosion.

PLACE OF PUBLICATION PRE-EXPLOSIONS

Africa

- Africa, Northern
 - Algeria
 - Egypt
 - Libya
 - Morocco
 - Tunisia
- Africa, South of the Sahara
 - Africa, Central
 - Cameroon
 - Central African Republic
 - Chad
 - Congo
 - Equatorial Guinea
 - Gabon
 - Zaire
 - Africa, Eastern
 - Burundi
 - Djibouti
 - Ethiopia
 - Kenya
 - Rwanda
 - Somalia
 - Sudan
 - Tanzania
 - Uganda
 - Africa, Southern
 - Angola
 - Botswana
 - Lesotho
 - Malawi
 - Mozambique
 - Namibia
 - South Africa
 - Swaziland
 - Zambia
 - Zimbabwe
 - Africa, Western
 - Benin
 - Burkina Faso
 - Cote d'Ivoire
 - Gambia
 - Ghana
 - Guinea
 - Guinea-Bissau
 - Liberia
 - Mali
 - Mauritania

Africa (cont'd)

- Africa, South of the Sahara (cont'd)
 - Africa, Western (cont'd)
 - Niger
 - Nigeria
 - Senegal
 - Sierra Leone
 - Togo

Central America

- Belize
- Costa Rica
- El Salvador
- Guatemala
- Honduras
- Nicaragua
- Panama

North America

- Canada
- Greenland
- Mexico
- United States

South America

- Argentina
- Bolivia
- Brazil
- Chile
- Colombia
- Ecuador
- French Guiana
- Guyana
- Paraguay
- Peru
- Suriname
- Uruguay
- Venezuela

West Indies

- Antigua
- Bahamas
- Barbados
- Cuba
- Dominican Republic
- Haiti
- Jamaica
- Martinique
- Netherlands Antilles
- Puerto Rico
- Trinidad and Tobago
- Virgin Islands of the United States

PLACE OF PUBLICATION PRE-EXPLOSIONS, cont.

Asia

Asia, Central
 Kazakhstan
 Kyrgyzstan
 Tajikistan
 Turkmenistan
 Uzbekistan

Asia, Southeastern
 Borneo
 Brunei
 Cambodia
 Indonesia
 Laos
 Malaysia
 Mekong Valley
 Myanmar
 Philippines
 Singapore
 Thailand
 Timor
 Vietnam

Asia, Western

Bangladesh
 Bhutan
 India

Middle East

Afghanistan
 Bahrain
 Iran
 Iraq
 Israel
 Jordan
 Kuwait
 Lebanon
 Oman
 Qatar
 Saudi Arabia
 Syria
 Turkey
 United Arab Emirates
 Yemen

Nepal
 Pakistan
 Sri Lanka

Far East

China
 Tibet
 Hong Kong
 Japan

Asia (cont'd)

Far East (cont'd)
 Korea
 Macao
 Mongolia
 Taiwan

Europe

Andorra
 Austria
 Belgium
 Europe, Eastern
 Albania
 Baltic States
 Estonia
 Latvia
 Lithuania
 Bosnia-Herzegovina
 Bulgaria
 Byelarus
 Croatia
 Czech Republic
 Hungary
 Macedonia (Republic)
 Moldova
 Poland
 Romania
 Russia
 Slovakia
 Slovenia
 Ukraine
 Yugoslavia
 Finland
 France
 Germany
 Gibraltar
 Great Britain
 England
 Northern Ireland
 Scotland
 Wales

Greece

Iceland
 Ireland
 Italy
 Liechtenstein
 Luxembourg
 Monaco
 Netherlands
 Portugal

PLACE OF PUBLICATION PRE-EXPLOSIONS, cont.

Europe (cont'd)
 San Marino
 Scandinavia
 Denmark
 Norway
 Sweden
 Spain
 Switzerland
 Transcaucasia
 Armenia
 Azerbaijan
 Georgia (Republic)
 Indian Ocean Islands
 Comoros
 Madagascar

Indian Ocean Islands (cont'd)
 Mauritius
 Reunion
 Seychelles
 Pacific Islands
 Melanesia
 Fiji
 New Caledonia
 Papua New Guinea
 Vanuatu
 Micronesia
 Guam
 Polynesia
 Pitcairn Island
 Tonga
 Western Samoa

Alphabetic List of Place of Publication Pre-explosions

Africa&
 Africa, Central&
 Africa, Eastern&
 Africa, Northern&
 Africa South of the Sahara&
 Africa, Southern&
 Africa, Western&
 Asia&
 Asia, Central&
 Asia, Southeastern&
 Asia, Western&
 Baltic States&
 Central America&
 China&
 Europe&

Europe, Eastern&
 Far East&
 Great Britain&
 Indian Ocean Islands&
 Melanesia&
 Micronesia&
 Middle East&
 North America&
 Pacific Islands&
 Polynesia&
 Scandinavia&
 South America&
 Transcaucasia&
 West Indies&

Ending ampersand (&) and the qualifier (PX) are needed to search. The asterick (*) may not be used in front of a place of publication pre-explosion.

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HSTAT:	text.nlm.nih.gov

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NLM Anonymous Server:	nlmpubs.nlm.nih.gov

TOOLS

Mosaic (WWW):	http://www.nlm.nih.gov/
Gopher:	gopher.nlm.nih.gov

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